

July 24-27, 2024
Rotterdam, the Netherlands

Program for the 46th Annual Meeting



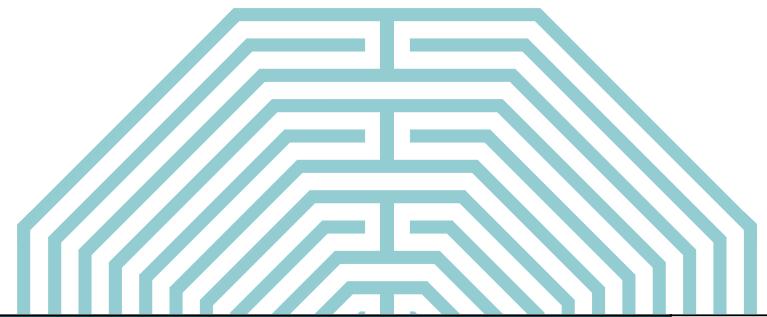
COGSCI
2024
DYNAMICS OF
COGNITION
July 24-27 • Rotterdam

#CogSci2024



THURSDAY, JULY 25

Program and times subject to change



| LOCAL ROTTERDAM | Thursday, July 25 | | | | | | | | | | | LOCAL ROTTERDAM | |
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| 07:30 | | | | | | | | | | | | 07:30 | |
| 07:45 | | | | | | | | | | | | 07:45 | |
| 08:00 | | Refreshments available (08:00 - 08:30) | | | | | | | | | | | 08:00 |
| 08:15 | | | | | | | | | | | | | 08:15 |
| 08:30 | | Welcome from CSS Chair and Program Chairs Keynote Address Dynamics Between Minds & the Environment Morgan Barense (09:00 - 10:00) Rotterdam Hall | | | | | | | | | | | 08:30 |
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| 10:00 | | Refreshment Break (10:00 - 10:30) | | | | | | | | | | | 10:00 |
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| 12:00 | | Lunch on Own (12:00 - 13:00) | | | | | | | | | | | 12:00 |
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| 13:00 | | Affinity Group Meeting OPEN ENCYCLOPEDIA OF COGNITIVE SCIENCE Penn | | | | | | | | | | | 13:00 |
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| 13:45 | | Poster Session 1 (13:00 - 14:15) | | | | | | | | | | | 13:45 |
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| 14:15 | | Poster Session 1 (13:00 - 14:15) | | | | | | | | | | | 14:15 |
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| 15:45 | | 15 minute comfort break (15:45 - 16:00) | | | | | | | | | | | 15:45 |
| 16:00 | | Rumelhart Prize Presentation Alison Gopnik (16:00 - 17:00) | | | | | | | | | | | 16:00 |
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| 17:00 | | Rotterdam Hall | | | | | | | | | | | 17:00 |
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| 17:30 | | Rumelhart Reception (17:00 - 18:30) | | | | | | | | | | | 17:30 |
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| 18:00 | | Shipping/Exchange/Mercurius Hall | | | | | | | | | | | 18:00 |
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Registration & Exhibits (08:00 - 07:00): Mercurius & Shipping Hall

Registration & Exhibits (08:00 - 07:00): Mercurius & Shipping Hall

FRIDAY, JULY 26

Program and times subject to change



| Friday, July 26 | | | | | | | | | | | | |
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Registration & Exhibits(8:00 AM - 7:00 PM): Mercurius & Shipping Hall

Registration & Exhibits(8:00 AM - 7:00 PM): Mercurius & Shipping Hall

Refreshments Available
(08:30 - 09:00)

The C.L. de Carvalho-Heineken Prize Keynote Address
Kia Nobre

(09:00 - 10:00)

Rotterdam Hall

Refreshments Available
(10:00 - 10:30)

Rumelhart
Symposium
Rotterdam Hall

Symposium 4
How does the sensory-motor brain integrate and give rise to cognition and learning?
Diamond I

Oral Talk T.19
Causation
Penn

Oral Talk T.20
Cognitive Development 3
Goudriaan

Oral Talk T.21
Language Acquisition 2
Diamond II

Oral Talk T.22
Social Cognition 3
Leeuwen

Oral Talk T.23
Language Production 1
Mees I

Oral Talk T.24
Large Language Models 1
Mees II

Oral Talk T.25
Cognitive Neuroscience 1
J.F. Staal

Oral Talk T.26
Real World Decisions
Van Walsum

Oral Talk TR.27
Computational Modeling 2
Van der Veeken

Lunch on Own
(12:00 - 13:00)

Funding Discussion
GETTING FUNDING TO DO COGNITIVE SCIENCE & EDUCATION RESEARCH
Mees I

Lunch on Own
(12:00 - 13:00)

Poster Session
(13:00 - 14:15)

Poster Session
(13:00 - 14:15)

Shipping & Exchange Hall

Shipping & Exchange Hall

Elman Prize
Symposium
Rotterdam Hall

Symposium 5
What Should I Do Now? Goal-Centric Outlooks on Learning, Exploration, and Communication
Diamond I

Symposium 6
From Fungi to Thought: Exploring Cognition in Mushroom Foraging
Diamond II

Oral Talk T.28
Theory of Mind
Penn

Oral Talk T.29
Pragmatics
Goudriaan

Oral Talk T.30
Cognitive Development 4
Leeuwen

Oral Talk T.31
Concepts 2
Mees I

Oral Talk T.32
Decision Making 3
Mees II

Oral Talk T.33
Dynamical Systems
J.F. Staal

Oral Talk T.34
Semantics
Van Walsum

Oral Talk TR.35
Perception/Learning/Memory
Van der Veeken

15 minute comfort break (15:45 - 16:00)

Invited
Symposium 2
Dynamics Between the Minds
Rotterdam Hall

Symposium 7
Advances in the Study of Event Cognition
Diamond I

Symposium 8
Dynamics of memory search
Diamond II

Oral Talk T.36
Language Processing
Mees I

Oral Talk T.37
Cognitive Development 5
Leeuwen

Oral Talk T.38
Language Acquisition 3
Mees II

Oral Talk T.39
Language Comprehension 3
Penn

Oral Talk T.40
Perception 2
J.F. Staal

Oral Talk T.41
Reasoning 2
Van Walsum

Oral Talk T.42
Philosophy & Language Evolution
Goudriaan

Oral Talk TR.43
Cognitive Neuroscience 2
Van der Veeken

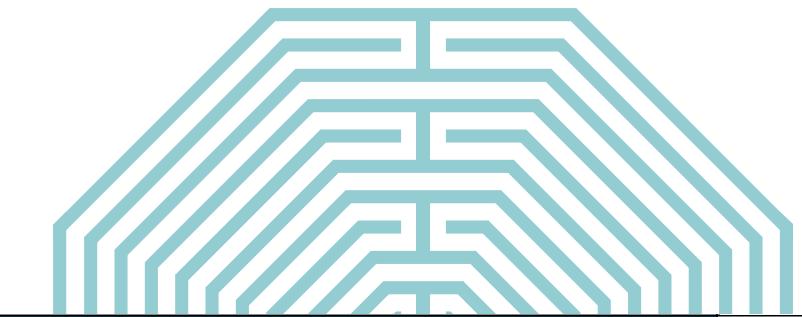
15 minute comfort break (17:30 - 17:45)

Keynote Address - Dynamics Between Minds
Andrea E. Martin
(17:45 - 18:45)

Rotterdam Hall

SATURDAY, JULY 27

Program and times subject to change



| LOCAL ROTTERDAM | Saturday, July 27 | | | | | | | | | | | LOCAL ROTTERDAM |
|-----------------|------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|-----------------|
| 08:00 | Refreshments Available (08:00 - 08:30) | | | | | | | | | | | 08:00 |
| 08:15 | A year in CSS: Conversation with Society President Anna Papafragou (08:30 - 09:00) Rotterdam Hall | | | | | | | | | | | 08:15 |
| 08:30 | Keynote Address - Dynamics Within Minds Gregor Schöner (09:00 - 10:00) | | | | | | | | | | | 08:30 |
| 08:45 | Rotterdam Hall | | | | | | | | | | | 08:45 |
| 09:00 | Refreshments Available (10:00 - 10:30) | | | | | | | | | | | 09:00 |
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| 12:15 | Lunch on Own (12:00 - 13:00) | | | | | | | | | | | 12:15 |
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| 13:30 | Poster Session (13:00 - 15:00) | | | | | | | | | | | 13:30 |
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| 14:00 | Shipping & Exchange Hall | | | | | | | | | | | 14:00 |
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| 16:00 | | | | | | | | | | | | 16:00 |
| 16:15 | 15 minute comfort break (16:30 - 16:45) | | | | | | | | | | | 16:15 |
| 16:30 | | | | | | | | | | | | 16:30 |
| 16:45 | Closing/Thank you (16:45 - 17:00) Rotterdam Hall | | | | | | | | | | | 16:45 |
| 17:00 | | | | | | | | | | | | 17:00 |

Registration & Exhibits (8:00 AM - 5:00 PM) | Mercutius & Shipping Hall

Registration & Exhibits (8:00 AM - 5:00 PM) | Mercutius & Shipping Hall

Glushko Talks

Rotterdam Hall

Symposium 9
Computational Social Cognition:
Approaches and challenges

Diamond I

Oral Talk T.44
Education

Penn

Oral Talk T.45
Cognitive Development 6

Goudriaan

Oral Talk T.46
Perception 3

Leeuwen

Oral Talk T.47
Artificial Intelligence 2

Diamond II

Oral Talk T.48
Bayesian Modeling

Mees I

Oral Talk T.49
Emotion

Mees II

Oral Talk T.50
Morality

J.F. Staal

Oral Talk T.51
Decision Making 4

Van Walsum

Oral Talk TR.52
Cognitive Development 7

Van der Veenken

Invited Symposium 3

Dynamics Within Minds

Rotterdam Hall

Symposium 10
The Fundamental Flexibility of Abstract Words

Diamond I

Symposium 11
Towards a movement science of communication

Diamond II

Oral Talk T.53
Social Cognition 4

Goudriaan

Oral Talk T.54
Language Acquisition 4

Mees II

Oral Talk T.55
Language Production 2

Penn

Oral Talk T.56
Large Language Models 2

Mees I

Oral Talk T.57
Event Processing 2

Leeuwen

Oral Talk T.58
Computational Neuroscience

J.F. Staal

Oral Talk T.59
Spatial Cognition

Van Walsum

Oral Talk T.60
Memory 2

Van der Veenken

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LETTER FROM THE PRESIDENT

Dear CogSci 2024 Attendees,

Welcome to the 2024 Meeting of the Cognitive Science Society in Rotterdam! CogSci 2024 brings together a large community of cognitive scientists who have traveled here from around the world, as well as a smaller group of remote presenters. I would like to extend an especially warm welcome to our first-time CogSci meeting attendees, and hope that their experience inspires them to join our future meetings for many years to come.

I want to thank this year's conference co-chairs, Larissa K Samuelson, Stefan Frank, Mariya Toneva, Allyson Mackey, and Eliot Hazeltine, for putting together an amazing series of invited talks and symposia around the theme of **Dynamics of Cognition**. The co-chairs also deserve credit for handling a record-breaking number of submissions and producing a truly exciting conference program.

Beyond the invited talks and symposia dedicated to this year's conference theme, I would like to highlight the presentations and events honoring the Rumelhart, Elman, Gleitman and C.L. de Carvalho-Heineken prize winners, including the Rumelhart reception on Thursday. As you may know, we are recording all of the invited talks and symposia, and all prize-winners' talks, and will be making this content available after the conference.

The Cognitive Science Society relies on the volunteer efforts of our Governing Board members who work on matters related to our membership; conference policies; diversity and inclusion, international, and outreach initiatives; prizes and much more. We welcome interest from Society members who would like to become more involved in what we do. The Society is deeply grateful to Rick Dale and Andrea Bender, who serve as editors of the two Society journals, *Cognitive Science* and *Topics in Cognitive Science* respectively. We especially acknowledge our editors' generosity in donating their stipends each year to D&I and outreach efforts.

This year's Annual Meeting depends critically on the support of Marischal De Armond and his team at Podium Conference Specialists: Sharon Zwack, Cendrine De Vis, Sarah-Kate Burke, and Rachel Waller worked tirelessly to secure the venue and handled a multitude of logistical and organizational issues, from arranging coffee breaks and receptions to making sure that a huge number of posters fits comfortably into the available space. Finally, and importantly, I would like to acknowledge the Cognitive Science Society Executive Officer, Erica Wojcik, for managing the complex and ever-expanding sphere of our Society's activities.

I hope you enjoy this year's meeting and the many different opportunities to engage with the vibrant community of cognitive scientists gathered here. I also hope you get a chance to explore the great city of Rotterdam with its many attractions, museums, restaurants and scenic views. If you'd like to talk more about our Society, or simply want to say hello, please stop by!



Anna Papafragou
President, Cognitive Science Society 2023-2024

DEAR COLLEAGUES

We are very pleased to welcome you to the 46th Annual Conference of the Cognitive Science Society in wonderful Rotterdam. It is exciting to have so many of us together again to discuss the latest and greatest research in the field. We are also grateful to the society for sponsoring a stream of remote talks and poster ‘flash talk’ presentations for the members of our society who are not able to attend in person.

Our theme this year is “Dynamics of Cognition”. Much work in Cognitive Science has sought to understand how cognitive processes evolve over time to adapt to the multiple influences that impinge on the cognitive system. Our subthemes of Dynamics Within the Mind, Dynamics Between Minds, and Dynamics Between Minds and the Environment showcase our diverse understanding of how cognitive processes unfold over time in diverse kinds of interactions. The three keynote speakers and invited symposia highlight contributions to this understanding from scientists representing the broad range of fields that contribute to cognitive science and the geographical and career-stage diversity of the Cognitive Science community. They will present work examining dynamic processes at scales ranging from neural interactions in the brain to learning processes in individuals and groups. Together this work highlights how understanding of the dynamics of cognition thrives on data from a wide range of methods including behavioral, neural, computational and robotic in studies that examine domains from language, decision making, cognitive control, perception, and social cognition.

This year’s program will also include a wide range of talks by society members honored for their distinguished contributions. The Rumelhart Prize Keynote address will be given by Alison Gopnik, the Heineken Prize Keynote by Kia Nobre, and the Gleitman Prize Keynote by Isabelle Dautriche. In addition, the Elman Prize Symposium will honor the work of Asifa Majid and the Rumelhart Symposium will honor Alison Gopnik’s work with a focus on childhood as exploration. There will also be a series of talks by Glushko prize winners receiving recognition for their outstanding dissertation research.

Our contributed program includes 218 in-person and 16 remote talks, as well as 905 in-person and 92 remote poster presentations, representing the diversity of topics and methods so critical to our field. In addition, we have seven pre-conference workshops and a lunch session on securing funding with representatives from a range of international funders. And while all that will surely keep attendees busy, our host city offers plenty of diversions, including architecture tours, a thriving food scene and galleries to name a few. Please also be sure to join us at the Rumelhart award reception at the end of the day on Thursday.

We hope you find the program stimulating and inspiring. We have enjoyed putting it together and are excited to share it with you.

Many people have contributed to the planning and organizing of Cognitive Science 2024, all of whom have our sincere gratitude. In particular we wish to extend thanks to the 1308 members of the community who provided reviews and the 174 meta-reviewers. We had a very high volume of submissions this year and greatly appreciate everyone who took on extra reviews and meta-reviews so we could ensure the continued quality of the work presented at the conference.

Our work planning this conference benefited from guidance and support of Executive Officer Erica Wojcik, Society President Anna Papafragou, and the Governing Board. We also wish to thank past conference chairs who provided advice, support, and suggestions including Jennifer Culbertson, Desmond Ong, and Stephanie Denison. Logistic support from the staff at Podium Conferences including Sharon Zwack and Sarah-Kate Burke has been invaluable, as has the PCS support of David Cserjan and James Stewart, and Jerrold Shiroma of eScholarship. In addition, we would like to thank the multiple Program Committee members who reviewed symposia, member abstracts, and workshop proposals; made decisions about the numerous conference awards; supported volunteers and arranged sponsors. The full list of all those that made this conference possible is provided on the following pages.

We and the society are also grateful to the conference sponsors including The Robert J. Glushko and Pamela Samuelson Fund, Duolingo, Google DeepMind, NIRx, the Psychonomic Society, Artinis Medical Systems, MIT Press, the University of Chicago Press, and the Oxford University Press.

Lastly, we thank all the society members whose submitted work makes this conference so dynamic and exciting. We hope you all have a stimulating and rewarding conference!

Your Program Co-Chairs,

Larissa Samuelson, *University of East Anglia*

Stefan Frank, *Radboud University*

Mariya Toneva, *Max Planck Institute for Software Systems*

Allyson Mackey, *University of Pennsylvania*

Eliot Hazeltine, *University of Iowa*

ORGANIZING COMMITTEE

| | | | |
|-----------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Program Chairs | Larissa K Samuelson Stefan Frank Mariya Toneva Allyson Mackey Eliot Hazeltine | Symposia | JOHN SPENCER VANESSA SIMMERING Denis Mareschal Lynn Perry Kelly Mix Rob Goldstone Sarah Brown |
| Technical Chairs | David Cserjan Sharon Zwack Sarah-Kate Burke | Tutorials and Workshops | ELIZABETH BONAWITZ Ilker Yildirim Marisa Casillas Francis Mollica |
| Prizes and Awards | STELLA CHRISTIE Benjamin Rottman Samuel Mehr Hongjing Lu Alex Doumas Andrew Lovett | Social Media & Graphics | Marcelo Viridiano |
| Diversity & Inclusion Awards | ASIFA MAJID Tilbe Göksun Tiwe Eisape | Sponsorship | ROGER LEVY Tom Griffiths Lori Holt |
| Member Abstracts | SANTIAGO ALONSO DIAZ Paula Garcia Juan Giraldo Huertas | Volunteer Coordinator | Yung Han Khoe |
| | | Society Conference Committee | STEPHANIE DENISON Jenny Culbertson Dan Grodner Janet Hsiao Desmond Ong Anna Papafragou Yang Xu |

PROGRAM COMMITTEE

| | | | |
|--------------------------|-----------------------------|--------------------------|------------------------|
| Darren Abramson | Judith Fan | Imran Khan | Marco Ragni |
| Elena Andonova | Roman Feiman | Sangeet Khemlani | Marjorie Rhodes |
| Joseph Austerweil | Samuel Forbes | Celeste Kidd | Tanja Roembke |
| Brendan Balcerak Jackson | Candice Frances | Kyungmi Kim | Benjamin Rottman |
| Thomas Barkowsky | Daniel Freudenthal | Sachiko Kiyokawa | Paula Rubio-Fernández |
| David Barner | Ori Friedman | Meenakshi Kohsla | Larissa Samuelson |
| Barend Beekhuizen | Chiara Gambi | Jonathan Kominsky | Catherine Sandhofer |
| Ajaz Bhat | Samuel Gershman | Stefan Kopp | Adena Schachner |
| Shohini Bhattacharji | Tobias Gerstenberg | Kenneth Kurtz | Ute Schmid |
| Tashauna Blankenship | Teodora Gliga | Chigusa Kurumada | Gregor Schöner |
| Stephen Blessing | Adele Goldberg | Ethan Kutlu | Kathryn Schuler |
| Anna Borghi | Sharon Goldwater | Brenden Lake | Sebastian Schuster |
| Neil Bramley | Micah Goldwater | Imme Lammertink | Anne Schutte |
| Elizabeth Brannon | Laura Gonnerman | Christian Lebriere | Amanda Seed |
| Monica Bucciarelli | Cleotilde Gonzalez | Roger Levy | Kevin Shockley |
| Daphna Buchsbaum | Naveen Sundar Govindarajulu | Antonio Lieto | Steven Sloman |
| Bruce Burns | Tom Griffiths | Tania Lombrozo | Kenny Smith |
| Jerome Busemeyer | Myrto Grigoroglou | Max M. Louwerse | Jordan Suchow |
| Aaron Buss | Maurice Grinberg | Andrew Lovett | Ron Sun |
| Martin Butz | Olivia Guest | Hongjing Lu | Whitney Tabor |
| Garry Cai | Todd Gureckis | Chris Lucas | Heike Tappe |
| F. Amilcar Cardoso | Laura Gwilliams | George Luger | Jim Thompson |
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SOCIETY INFORMATION

ABOUT THE COGNITIVE SCIENCE SOCIETY

The Cognitive Science Society brings together researchers from around the world who hold a common goal: understanding the nature of the human mind. The mission of the Society is to promote Cognitive Science as a discipline, and to foster scientific interchange among researchers in various areas of study, including Artificial Intelligence, Linguistics, Anthropology, Psychology, Neuroscience, Philosophy, and Education.

The Society is a non-profit professional organization and its activities include sponsoring an annual conference and publishing the journals *Cognitive Science* and *Topics*.

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Association Assistant: **Rachel Waller**

COGNITIVE SCIENCE SOCIETY BUSINESS MEETING

A Year in CSS: Conversations with the CSS President is scheduled for **Saturday, July 27 at 08:30** in the Rotterdam Theatre at the Postillion Hotel & Convention Centre in Rotterdam, the Netherlands.

MEMBERSHIP INFORMATION

Your membership dues help support important activities by the Society, including our expanding accessibility, communications, diversity, and environmental responsibility initiatives. Most importantly, members help us achieve our mission to expand our understanding of the human mind, to promote Cognitive Science as a discipline, and to foster scientific interchange among researchers in various areas of study, including Anthropology, Artificial Intelligence, Education, Linguistics, Neuroscience, Philosophy and Psychology.

In addition to the connections you will make with fellow members, your CSS membership also includes access to the following:

- Ability to participate in society elections
- Opportunities for professional development and networking
- Web-based electronic access to Cognitive Science Journal and Topics in Cognitive Science (TopiCS)
- Reduced registration fees at the Annual Meeting of the Cognitive Science Society
- Reduced subscription rates to the journals Trends in Cognitive Sciences, Trends in Neurosciences, and Connection Science
- Reduced subscription rate to the Journal of Experimental and Theoretical Artificial Intelligence
- Discounted book prices from select publishers
- Online access to Policy Insights from the Behavioral and Brain Sciences

COGNITIVE SCIENCE SOCIETY GROVE

The Cognitive Science Society has established the CogSci Grove which aims to mobilise cognitive scientists to offset carbon emissions associated with their professional activities. To date, over 2000 trees have been planted in protected sites in the Scottish Highlands where they will create homes for wildlife and forests for the future. More information is available on [the website](#).

The British Journal for the Philosophy of Science



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CONFERENCE SERVICES

THE VENUE

POSTILLION HOTEL & CONVENTION CENTRE WTC (World Trade Centre)

The Postillion Hotel & Convention Centre WTC is located in the heart of Rotterdam and is 3 minutes by metro or 15 minutes walking from Rotterdam Centre Station.

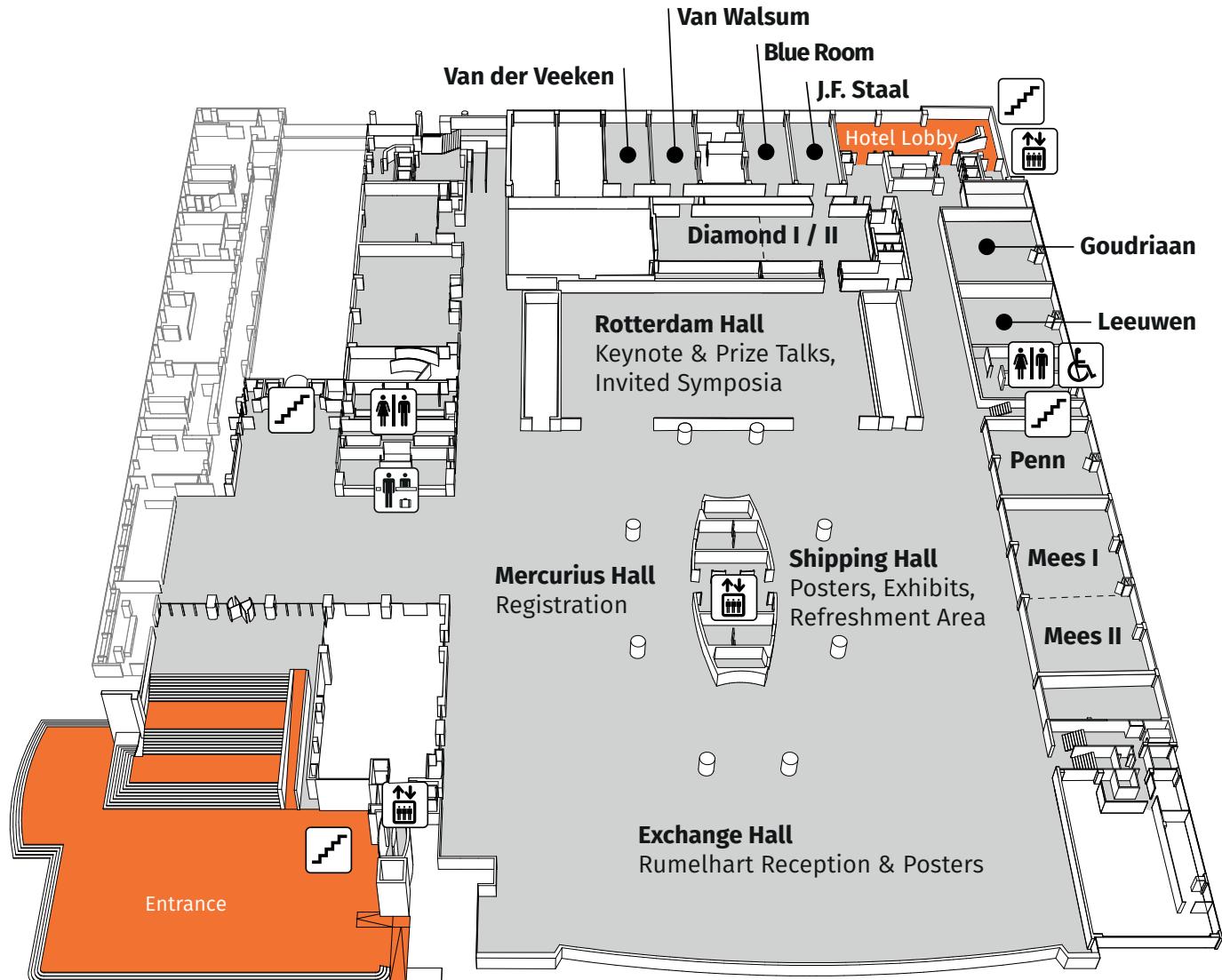
The address is **Beursplein 37** (Convention Centre Entrance), **Meent 110** (Hotel Entrance), **3011 AA Rotterdam, Netherlands**.

[Click here](#) for travel and location FAQs.

CogSci 2024 registration will take place at the Convention Centre WTC in the Mercurius Hall. Main sessions will take place in the Rotterdam Hall with workshops, symposia, and oral talks taking place in the various meeting rooms on the same level.

FLOOR PLAN

Ground Floor



REGISTRATION

If you registered online, Pre-Registered Delegate Check-In is located in the Mercurius Hall at the Convention Centre WTC.

If you need to register now, you can complete *Onsite Registration* or go to the Registration Desk located in the Mercurius Hall of the Convention Centre WTC.

Delegates who have registered and paid in advance will receive an email from Underline, the virtual platform provider with the direct link to enter the platform. Delegates can also access the Underline site via the CogSci 2024 website once the link has been posted.

REGISTRATION HOURS

Wednesday, July 24 07:30 – 19:00

Thursday, July 25 07:30 – 19:00

Friday, July 26 07:30 – 19:00

Saturday, July 27 08:00 – 17:00

CODE OF CONDUCT

By entering the virtual platform and participating in CogSci 2024 you are agreeing to the CogSci 2024 Code of Conduct. To read the code of conduct, please [click here](#)

TECHNICAL HELP DURING THE VIRTUAL CONFERENCE

If you encounter any technical issues with the program app, please contact the provider directly, by either visiting the 'Help Desk' while online, or emailing cogsci2024@underline.io.

LOST AND FOUND

Lost and Found is located at Registration. The Cognitive Science Society is not responsible for any missing or stolen personal items.

IN CASE OF EMERGENCY

The emergency number in Rotterdam is 112.

Venue Security is located on the ground floor near the main entrance. If you already called 112, please notify Security immediately.

COAT CHECK

The coatcheck is located on the ground floor of the Convention Centre WTC. There is no charge for checking your coat or bag – please keep your ticket to retrieve your items. Please take note of the coatcheck hours when you check your belongings. Items left behind maybe picked up the next day. Coatcheck will close at the same time registration desk closes.

PARENTING ROOM

The Parenting Room is located in the Blue Room on the main floor of the WTC – near the Diamond rooms

The room will be available during the hours noted below:

Thursday, July 25 08:00 – 18:00

Friday, July 26 08:00 – 18:00

Saturday, July 27 08:00 – 17:00

COFFEE BREAKS & LUNCH

Coffee, tea, and water will be available in the Shipping Hall area from **08:00 – 16:00 Thursday – Saturday** for all attendees. Light food/snacks will be available for purchase.

Lunch is on your own each day of the conference (Thursday-Saturday)

Various **dynamic food and drink options** are only a short walk away including:

Little V Rotterdam

Bambu

Vegan Junk Food Bar

Soju Bar

Inul8

Café in the City

Super Mercado

Click here for more dining options

ON-DEMAND PROGRAM ACCESS AFTER THE CONFERENCE

Selected components of CogSci 2024 will be recorded and made available in late August via the Underline platform. Attendees and members will be notified by email when these recordings are available. You will gain access via the email address used for your registration to the 2024 CogSci conference and will be available until July 2026.

CONFERENCE INTERNET ACCESS

Network: **COGSCI**

Password: **COGSCI2024!**

AFFINITY AND DISCUSSION GROUPS

CogSci 2024 is pleased to announce a series of Affinity and Discussion Group sessions, which are scheduled to take place during the conference. These sessions are free to attend for all CogSci 2024 delegates, but you must pre-register. Please view the website for further information of the scheduled sessions.

WEDNESDAY, JULY 24 17:30 - 18:30

AI and cognition: Transformative tool or disruptive force?

Can robots dream?

Asia-pacific cognitive science group

THURSDAY, JULY 25 12:15 - 13:15

Open encyclopedia of cognitive science

FRIDAY, JULY 26 12:15 - 13:15

Getting funding to do cognitive science and education research

PRESENTATION INSTRUCTIONS

ORAL PRESENTATIONS:

Each standard oral presentation is allocated 20 minutes, which is to include a closing period for addressing questions from attendees. A recommended partitioning of this time is 15 minutes of presentation followed by 5 minutes of questions (and for transition). Each room is equipped with a video projector with HDMI input, as well as a microphone. The projectors support 16:9 aspect ratio (widescreen format). Presenters must provide their own laptops. Tech support will be roving in the general area to assist if necessary.

Presentations that are part of workshop or symposia sessions may use different schedules. Please contact the organizer of the given workshop or symposia for information about the correct amount of presentation time.

SESSION CHAIRS:

Each room will have signs that the chair can use to signal to the speaker how much time is left. Assigned session chairs will quickly announce each speaker in the order listed and strictly monitor the time of each talk.

POSTER PRESENTATIONS:

In-person Posters will be presented on poster boards during three poster sessions in the Shipping & Exchange Halls in the WTC. Presenters may locate their poster boards by checking the middle number of their poster number.

Poster numbers are PX-X-XX. The first number after P, identifies the poster session you're assigned to. The letter indicates the theme category. The number following the letter is the location of the poster in the hall.

Poster boards and pushpins will be provided. The recommended poster size is 46" h x 33" w (A0: 1189mm x 841mm). **Posters must be in a portrait orientation.** Presenters must remove their posters at the end of the poster session (please leave the pushpins for the next presenter).

*Any posters not removed will be discarded by show management

POSTER SESSION TIMES

POSTER SESSION 1 - THURSDAY, JULY 25

Set Up: 08:00 – 10:30
Session Time: 13:00 – 14:15
Tear Down: 14:15 – 16:00

POSTER SESSION 2 - FRIDAY, JULY 26

Set Up: 08:00 – 10:30
Session Time: 13:00 – 14:15
Tear Down: 14:15 – 16:00

POSTER SESSION 3 - SATURDAY, JULY 27

Set Up: 08:00 – 10:30
Session Time: 13:00 – 15:00
Tear Down: 15:00 – 17:00

Virtual Posters/Flashtalk will be presented on-line only via the Underline platform. Attendees will be able to comment and ask questions about your work/research asynchronously throughout the conference. You can leave a message in your poster area chat space to advise times (and time zone) that you will be available. To engage with on-site attendees, it is recommended to align with times prior to and after the Rotterdam schedule.



OPEN ENCYCLOPEDIA OF
Cognitive Science

Editors-in-Chief

Michael C. Frank, Stanford University
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**First Articles
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The **Open Encyclopedia of Cognitive Science (OECS)** is organized around a set of basic principles that distinguishes it from other reference works:

Open. OECS offers short, approachable, free articles that provide interdisciplinary context and definition for the major component topics and debates of cognitive science.

Accessible. OECS introduces key aspects of any given topic in a form that is readable by a college student, not just by a scholar who is already familiar with the content.

Authoritative and Scholarly. OECS articles are written by leading scholars in a particular field and peer-reviewed for accuracy and balance. They are fully-referenced, citable articles with permanent, versioned links and digital object identifiers (DOIs). Each article also includes a short, annotated bibliography with key readings.

Broad but Focused. Because cognitive science touches so many different disciplinary areas, providing full coverage of core concepts in each would be an unfathomable task. The goal of OECS is to feature articles on those questions, concepts, phenomena, and methods that have been a key focus of interdisciplinary interest, especially those topics for which no similar reference exists.

Fundamentally Interdisciplinary. OECS aims to emphasize the permeability of disciplinary boundaries. Articles are designed to give a multidisciplinary perspective and to situate specialist debates in a broader context, making connections to real-world issues where appropriate.

We would like to hear from you with your suggestions:

Would you like to see a particular topic to include in OECS?

Do you know authors who should be writing for OECS?

Contact Philip Laughlin, Senior Acquisitions Editor, Cognitive Science,
the MIT Press at laughlin@mit.edu. Or use the form here: tinyurl.com/oebs-form



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CogSci Keynote Speakers



MORGAN BARENSE *University of Toronto, Canada*

Enhancing real-world event memory

THURSDAY, JULY 25 09:00 - 10:00

ROTTERDAM HALL / DIAMOND

The act of remembering an everyday experience influences how we interpret the world, how we think about the future, and how we perceive ourselves. It also enhances long-term retention of the recalled content, increasing the likelihood that it will be recalled again. Unfortunately, the ability to recollect event-specific details tends to decline with age, resulting in an impoverished ability to mentally re-experience the past. This shift has been linked to a corresponding decline in the distinctiveness of hippocampal memory representations. Despite these well-established changes, there are few effective cognitive behavioral interventions that target real-world episodic memory. We addressed this gap by developing a smartphone-based application called HippoCamera that allows participants to record labelled videos of everyday events and subsequently replay standardized, high-fidelity autobiographical memory cues. In two experiments with older adults, we found that using HippoCamera to repeatedly reactivate memories for real-world events improved episodic recollection and it evoked more positive autobiographical sentiment at the time of retrieval. Moreover, more detailed recollection was associated with more differentiated memory signals in the hippocampus. In a third experiment, conducted during the COVID lockdowns of 2020, we used HippoCamera to characterize the relationship between impoverished experiential diversity with memory, mood, and the perception of time. We found that unique events were not only recalled in richer episodic detail, but that increased uniqueness was associated with greater positive affect, decreased boredom, and the perception of time passing faster for the entire day. These findings highlight the intimate connection between memory for the events of our lives and our well-being overall. Finally, in addition to describing our HippoCamera intervention, I will also present research investigating which features of distinct real-world memories should be emphasized to maximize their perceived similarity.

ANDREA MARTIN Max Planck Institute for Psycholinguistics, The Netherlands



Neural dynamics encode the structure and statistics of language

FRIDAY, JULY 26 17:45 - 18:45
ROTTERDAM HALL / DIAMOND

Human language is an example of a natural system that can be described by both statistical (e.g., surprisal) and structured (e.g., phonology, syntax) information. I focus on a foundational question at the heart of this issue – how can linguistic structure be encoded in a neural system that is often driven by statistics? I reconcile cognitive neuroimaging data with computational simulations to outline a theory of language representation and processing in the brain that integrates basic insights from linguistics and psycholinguistics with the currency of neural computation, population rhythmic activity.

GREGOR SCHÖNER Ruhr-University Bochum, Germany



How higher cognition emerges from the dynamics of strongly interacting neural populations

SATURDAY, JULY 27 09:00 - 10:00
ROTTERDAM HALL

Human thinking and acting is generated autonomously, not primarily in reaction to external stimuli. How the neural networks of the brain my autonomously drive the underlying cognitive and behavioral processes is not well understood. Dynamic Field Theory postulates that stable activation patterns emerge from the dynamics of neural populations dominated by internal recurrent connectivity (interaction). The instantiation of stable states and their subsequent destruction in dynamic instabilities leads to the sequences of processing steps on which all thinking and acting is based. We show how cognitive operations can be flexibly employed through binding and coordinate transforms. We outline and demonstrate neural dynamic architectures that visually search for objects to perceptually ground descriptive and enact imperative nested phrases. We illustrate how these architectures may build mental maps that support reasoning and perform analogical structure-mapping.

CogSci Awards

THE DAVID E. RUMELHART PRIZE

The David E. Rumelhart Prize is awarded annually to an individual or collaborative team making a significant contemporary contribution to the theoretical foundations of human cognition. Contributions may be formal in nature: mathematical modeling of human cognitive processes, formal analysis of language and other products of human cognitive activity, and computational analyses of human cognition using symbolic or non-symbolic frameworks all fall within the scope of the award.

The David E. Rumelhart Prize is funded by the Robert J. Glushko and Pamela Samuelson Foundation. Robert J. Glushko received a Ph.D. in Cognitive Psychology from the University of California, San Diego in 1979 under Rumelhart's supervision. He is an Adjunct Full Professor in the Cognitive Science Program at the University of California, Berkeley.

The prize consists of a hand-crafted, custom bronze medal, a certificate, a citation of the awardee's contribution, and a monetary award of \$100,000.

THE 2024 RUMELHART PRIZE HAS BEEN AWARDED TO



ALISON GOPNIK, *Distinguished Professor of Psychology, Affiliate Professor of Philosophy, and Berkeley Artificial Intelligence Research Group, Department of Psychology, University of California, Berkeley*

Alison Gopnik is a professor of psychology and affiliate professor of philosophy at the University of California, Berkeley. She is known for her work in the areas of cognitive and language development, specializing in the effect of language on thought, the development of a theory of mind, and causal learning. Her writing on psychology and cognitive science has appeared in *Science*, *Scientific American*, *The Times Literary Supplement*, *The New York Review of Books*, *The New York Times*, *New Scientist*, *Slate* and others. Her body of work also includes four books and over 100 journal articles.

Gopnik received a B.A., majoring in psychology and philosophy, from McGill University in 1975. In 1980, she received a D.Phil. in experimental psychology from Oxford University. She worked at the University of Toronto before joining the faculty at UC Berkeley in 1988.

Alison Gopnik has had an enormous impact across the cognitive sciences. Beyond her notable contributions within psychology, she has published within philosophy and linguistics, her work has had an impact in education, she is gaining recognition in animal behavior and anthropology, and she has informed artificial intelligence. Her contributions are not only deep but broad, showcasing how the disciplines of cognitive science can work together to give us a more complete picture of intelligence and the mind.

RUMELHART PRIZE PRESENTATION***Explore, exploit, empower: Three ages and three intelligences***

with Alison Gopnik

Thursday, July 25, 16:00 – 17:30, Rotterdam Hall/Diamond II

Abstract: Allison describes three different kinds of cognitive capacities that trade-off against each other, and suggests that they have a distinctive developmental profile. Exploitation, the pursuit of goals, resources and utilities, is characteristic of adult cognition. She will argue however, that two very different kinds of cognition characterize childhood and elderhood. Childhood is characterized by epistemically motivated exploration. In particular, children seek out information about the causal structure of the world. This exploration can be understood computationally as the pursuit of an intrinsic reward called “empowerment” in reinforcement learning. However, forgoing reward for exploration requires support and nurturance from others - it requires care and teaching. Care is particularly characteristic of elders. The intelligence of care has a distinctive structure. It can be best understood as helping currently less capable others to become empowered. The combination of these different kinds of intelligence explains human success.

THE RUMELHART PRIZE RECEPTION AND ANNOUNCEMENT

The Rumelhart Prize Reception and Announcement of the 25th Rumelhart Prize Recipient follows the Prize Presentation on **Thursday, July 25 from 17:00 – 18:30** at the Exchange Hall at the Postillion Convention Centre Rotterdam. The Rumelhart Reception is sponsored by the **Robert J. Glushko and Pamela Samuelson Foundation**.

RUMELHART SYMPOSIUM**Friday, July 26, 10:30 – 12:00, in the Rotterdam Hall**

In honor of Alison Gopnik, this year's Rumelhart Award recipient, research related to her work will be presented in this special symposium.

Childhood as explorationSymposium Chair **Tamar Kushnir, Duke University**Presenters **Caren Walker, UCSD****Tom Griffiths, Princeton University****Willem Frankenhuis, University of Amsterdam****Laura Schulz, MIT**

THE C.L. DE CARVALHO-HEINEKEN PRIZE FOR COGNITIVE SCIENCE

This prize honours pioneering work and research excellence in cognitive science. Charlene de Carvalho-Heineken established the prize in 2006 in memory of her father Alfred Heineken, who was fascinated by the workings of the human brain. Cognitive science is still a young field of research. But a wealth of experience has been built up over the past half century on our ability to think, talk, learn, decide, and perceive. With this prize, awarded every two years, Charlene de Carvalho-Heineken wants to honour researchers worldwide who have made groundbreaking discoveries within the field.

THE HEINEKEN PRIZE HAS BEEN AWARDED TO



KIA NOBRE, *University of Oxford*

Kia Nobre is a distinguished cognitive neuroscientist and Director of the Center for Neurocognition and Behavior at the Wu Tsai Institute, Yale University. Her groundbreaking research explores how the brain dynamically prioritizes information from the sensory stream and from memories to shape psychological experience and guide behavior. Originating from Rio de Janeiro, Nobre earned her PhD at Yale in 1993 and completed postdoctoral research at Harvard Medical School. Before joining Yale in 2023, she held significant roles at the University of Oxford, including Chair of Translational Cognitive Neuroscience and Director of the Oxford Centre for Human Brain Activity. Nobre's research, mentorship, and leadership contributions have earned her fellowships in prestigious international societies and numerous accolades, including the C.L. de Carvalho-Heineken Award for Cognitive Science in 2022.

Heineken Prize Keynote Address by **Kia Nobre**

Focusing in memory

Friday, July 26, 2024, 09:00 – 10:00 in the Rotterdam Hall

Abstract: Memories are about the past but serve the future by guiding adaptive behaviour based on current context and goals. In the last twenty years, researchers have turned the arrow of attention inside out to investigate how the brain selects and prioritizes relevant contents from within memory representations to prepare for upcoming events. The talk will highlight resulting discoveries revealing the highly proactive, flexible, dynamic, and future-facing mechanisms for focusing in memory.

THE JEFFREY L. ELMAN PRIZE FOR SCIENTIFIC ACHIEVEMENT AND COMMUNITY BUILDING

In recognition of Jeffrey L. Elman's many contributions to the field of cognitive science, the Cognitive Science Society in partnership with the University of California, San Diego awards a prize at the Cognitive Science Society annual meeting to mid-career cognitive scientists (individuals or teams) whose careers exemplify the twin strands of scientific excellence and commitment to community-building and service that were so evident in his career. Jeffrey Elman made major contributions to the theoretical foundations of human cognition, most notably in the areas of language and development. His work continues to have an immense impact across fields as diverse as cognitive science, psycholinguistics, developmental psychology, evolutionary theory, computer science and linguistics. In addition to his important intellectual contributions, he also was an inspiring scientific citizen who is remembered for his generosity and mentorship.

THE 2024 ELMAN PRIZE HAS BEEN AWARDED TO



ASIFA MAJID, University of Oxford

Asifa Majid received her M.A. in Psychology at the University of Glasgow, M.Sc. in Cognitive Science and Natural Language at the University of Edinburgh, and Ph.D. in Psychology at the University of Glasgow. Asifa has been a researcher at the Max Planck Institute for Psycholinguistics in Nijmegen, Center for Language Studies at Radboud University, Department of Psychology at the University of York, and Radcliffe Institute for Advanced Study, Harvard University. She is currently Professor of Cognitive Science at the University of Oxford and a Tutorial Fellow of St Hugh's College, Oxford.

ELMAN SYMPOSIUM

Friday, July 26, 2024, 14:15 –15:45 in the Rotterdam Hall

Symposium chairs: **Laura Speed**, Radboud University
Ewelina Wnuk, University of Warsaw

Presenters: **Carolyn O'Meara**, National Autonomous University of Mexico

Artin Arshamian, Karolinska Institute

Laura Speed, Radboud University

Ewelina Wnuk, University of Warsaw

THE LILA R. GLEITMAN PRIZE FOR EARLY-CAREER CONTRIBUTIONS TO COGNITIVE SCIENCE

In recognition of Lila R. Gleitman's foundational role in the field of cognitive science, the Cognitive Science Society in partnership with the Society for Language Development (which Gleitman founded and led for many years), awards a prize at the Cognitive Science Society annual meeting to an early-career woman in cognitive science whose outstanding research and scholarly promise best represent the intellectual depth, ingenuity and significance of the work carried out by Lila R. Gleitman throughout her long scientific career.

In a career that spanned six decades, Gleitman made numerous foundational discoveries in the study of language and cognition. She is particularly known for her research on how children acquire language, how language and thought are related, and the role of syntax in shaping the direction of word learning. Gleitman was a legendary mentor who trained a long and distinguished list of psycholinguists, many of whom went on to become central figures in the field. In 1991, Gleitman co-founded the famous Institute for Research in Cognitive Science at Penn, which she co-directed until 2001. Under her leadership, the Institute became a model for promoting interactions between psychology, linguistics, computer science, philosophy, neuroscience and other branches of inquiry that contribute to the computational study of the mind.

THE 2024 GLEITMAN PRIZE HAS BEEN AWARDED TO



ISABELLE DAUTRICHE, Centre de Recherche en Psychologie et en Neurosciences (CNRS)

Isabelle Dautriche is a Junior Researcher at the Centre de Recherche en Psychologie et en Neurosciences (CNRS) in Aix-Marseille University, France. She received her Ph.D. in Cognitive Sciences at the University Paris V, France, following a degree in Engineering (Mathematics and Modeling) at the National Institute of Applied Sciences, Toulouse, France.

GLEITMAN TALK

Thursday, July 25, 2024, 10:30 – 11:10 in the Rotterdam Hall

Language foundations: Insights from acquisition, communication, cognition and more

Speaker: Isabelle Dautriche

Human languages exhibit an incredible diversity, from the sounds they use to form words to the grammatical rules they follow. Despite this variation, languages share deep structural properties like compositionality and exhibit striking regularities, such as a preference for placing subjects before objects. How do children manage to quickly learn such diverse languages? Why do languages share certain properties while differing in others? Are some of these

properties deeply rooted in our cognition? In my talk, I will provide an overview on how I address these questions through experimental data from infants and animals, computational modeling, and corpus data. I will offer some evidence that infants are remarkably adept learners, that communication shapes language, and that several properties of language can be explained by non-linguistic cognition shared with other species.

THE ROBERT J. GLUSHKO DISSERTATION PRIZES

The Cognitive Science Society and the Robert J. Glushko and Pamela Samuelson Foundation award up to five outstanding dissertation prizes in cognitive science each year. The goals of these prizes are to increase the prominence of cognitive science and encourage students to engage in interdisciplinary efforts to understand minds and intelligent systems. The hope is that the prizes will recognize and honor young researchers conducting ground-breaking research in cognitive science. The eventual goal is to aid in efforts to bridge between the areas of cognitive science and create theories of general interest to the multiple fields concerned with scientifically understanding the nature of minds and intelligent systems. Promoting a unified cognitive science is consistent with the belief that understanding how minds work will require the synthesis of many different empirical methods, formal tools, and analytic theories. 2011 was the inaugural year of this prize, and a new competition is held annually.

The Glushko Dissertation Prize Symposium showcases these 2024 award winners on **Saturday, July 27 10:30 – 12:00** in the Rotterdam Hall

Symposium chair: **Todd Gureckis**

2024 WINNERS

Tianwei Gong – 2023 PhD Thesis “*Causal induction in time*” from *University of Edinburgh*

Matthias Grabenhorst – 2022 PhD Thesis “*The anticipation of events in time*” from *Radboud University Nijmegen*

Sean Dae Houlihan – 2022 PhD Thesis “*A computational framework for emotion understanding*” from *Massachusetts Institute of Technology*

Shailee Jain – 2023 PhD Thesis “*Investigating the neurobiology of language with artificial language systems*” from *The University of Texas at Austin*

Tom McCoy – 2022 PhD Thesis “*Implicit compositional structure in the vector representations of artificial neural networks*” from *Johns Hopkins University*

Dominika Radziun – 2023 PhD Thesis “*Body perception and brain plasticity in blind and sighted individuals*” from *Karolinska Institutet*

Hunter Schone – 2023 PhD Thesis “*Neurocognitive considerations for engineering bionic limbs*” from *University College London*

FELLOWS

Fellows of the Cognitive Science Society are individuals whose research has exhibited sustained excellence and had sustained impact on the Cognitive Science community. A Fellow's research is typically interdisciplinary but may be disciplinary research with significant impact on Cognitive Science. Fellows often participate significantly in the Cognitive Science community but not necessarily. Fellows are recognized for their professional integrity. All other factors being equal, the Fellows election process attempts to balance diversity in gender, geographical region of the world, and intellectual area.

CONGRATULATIONS TO THE NEW FELLOWS OF 2024



Matthew Botvinick,
Deepmind, University College London



Hongjing Lu,
University of California, Los Angeles



Sarah Brown-Schmidt,
Vanderbilt University



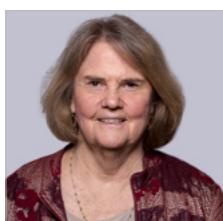
Bertram F. Malle,
Brown University



Yolanda Gil,
University of Southern California



Patrick Shafto,
Rutgers University



Diane Larsen-Freeman,
University of Michigan

FEDERATION OF ASSOCIATIONS OF BEHAVIOURAL & BRAIN SCIENCES EARLY CAREER IMPACT AWARD (FABBS)



ELIKA BERGELSON, *Harvard University*

The Early Career Impact Award is presented to early career scientists of FABBS member societies who are within ten years of completing their PhD and recognizes scientists who have made major contributions to our sciences. The purpose of this award is to recognize scientists who have made major research contributions to the sciences of mind, brain, and behavior. The goal is to enhance public visibility of these sciences and the particular research through the dissemination efforts of FABBS in collaboration with the member societies and award winners. In 2023, the Cognitive Science Society nominee, Dr. Elika Bergelson, received this prestigious award.



Advancing Cognition

www.psychonomic.org

CONFERENCE AWARDS

MARR PRIZE

Sponsored by **The Cognitive Science Society**

The Marr Prize, named in honor of the late David Marr, will be given to the best student paper at the conference. All student first authors are eligible for the Marr Prize for the best student paper. Authors who graduated within the last 6 months and are no longer students are also eligible if the work being reported was conducted entirely while the first author was a student.

2024 WINNER

Amanda Royka, Yale University

Probing nonhuman primate errors on false belief tasks to explore the evolutionary roots of theory of mind

COMPUTATION MODELING PRIZES

Sponsored by **The Cognitive Science Society**

Four prizes will be awarded for the best full paper submissions that involve computational cognitive modeling. The four separate prizes will represent the best modeling work in the respective areas of: perception/action, language, higher-level cognition, and applied cognition. The prizes are open to researchers at any level (student, post-doctoral fellow, research scientist, faculty) from any nationality. Any form of computational cognitive modeling relevant to cognitive science will be eligible, including (but not limited to) neural networks, symbolic models, Bayesian models, dynamic systems, or various hybrids.

2024 WINNERS

APPLIED COGNITION

Thomas Wilschut, University of Groningen

Modality matters: Evidence for the benefits of speech-based adaptive retrieval practice in learners with dyslexia

HIGHER-LEVEL COGNITION

Yun-Shiuan Chuang, University of Wisconsin-Madison

The delusional hedge algorithm as a model of human learning from diverse opinions

LANGUAGE

Maayan Keshev, The Hebrew University of Jerusalem

An information-theoretic account of availability effects in language production

PERCEPTION & ACTION

Oli Liu, University of Edinburgh

A predictive learning model can simulate temporal dynamics and context effects found in neural representations of continuous speech

SAYAN GUL AWARD

In honor of Sayan Gul

Sayan Gul was an undergraduate at UC Berkeley studying cognitive science and computer science, and had great potential as a cognitive scientist. He died tragically while traveling to the Annual Conference of the Cognitive Science Society for the presentation of his research. This award is intended to support similarly outstanding undergraduates conducting research in cognitive science.

2024 WINNER

Guangyuan Jiang, MIT

Finding structure in logographic writing with library learning

DIVERSITY & INCLUSION CONFERENCE AWARDS

Sponsored by **The Cognitive Science Society**

Up to ten prizes will be awarded to promote participation in the conference for graduate students who bring diversity to the society, in particular under-represented racial/ethnic groups and citizens of under-represented and economically disadvantaged countries who are presenting at the conference. Please note that under-represented countries are identified using the *World Bank list of developing nations* (Low Income, Low-Middle Income, or Upper-Middle Income). Countries considered High Income Economies are not eligible.

2022 WINNERS

Guangyuan Jiang, MIT

Wasita Mahaphanit, Dartmouth College

Carlos G. Correa, Princeton University

Christina Steele, Harvard University

Zeynep Genç, University of Kent

Calvin Deans-Browne, UCL

Chen Zhu, Tsinghua University, China

Bilge Tinaz, Özyegin University, Turkey

Tsz-chung Ronald Chan, University of Hong Kong

Ankit Yadav, National Brain Research Centre, India

DIVERSITY & SOCIAL INEQUALITY AWARDS

Sponsored by **The Cognitive Science Society**

This prize recognizes the best work at our annual conference that tackles issues of diversity and social inequality. Eligible work can include studies of racism, sexism, and other forms of inequality, or more generally tackle the issue of psychological and behavioral diversity in cognitive science. The prize is open to researchers at any level (student, post-doctoral fellow, research scientist, faculty) from any nationality.

2024 WINNER

Aarthi Popat, Yale University

The hair club for boys: How children and adults judge disparate impact rules

DISCIPLINARY DIVERSITY & INTEGRATION AWARD IN COGNITIVE SCIENCE

Sponsored by The Cognitive Science Society

This conference prize recognizes the best cognitive science research in disciplines that have been traditionally under-represented at our annual conferences and journals. Eligible submissions include novel interdisciplinary perspectives and integrative approaches to understanding the human mind. The prize is open to researchers at any level (student to faculty) and will be awarded to full papers and/or organized symposia.

2024 PAPER WINNERS

Ahyeon Choi, Seoul National University

The effects of musical factors on the perception of auditory illusions

Neele Engelmann, University of Granada

Understanding rule enforcement using drift diffusion models

Aida Ramezani, University of Toronto

Moral association graph: A cognitive model for moral inference

2024 SYMPOSIA WINNER

Cédric Colas, MIT, **Gaia Molinaro** and **Junyi Chu**

What should I do now? Goal-centric outlooks on learning, exploration, and communication

STUDENT TRAVEL GRANTS

Sponsored by the Robert J. Glushko and Pamela Samuelson Fund

Up to \$10,000 (USD) will be awarded to undergraduate and graduate students for travel support to attend the Conference. Any student who is first author on a full-length paper to be presented at the conference is eligible. Awardees will be selected on the basis of need and submission quality, with an effort to achieve a broad representation among academic institutions.

2024 WINNERS

Yiming Lu, UCI Sites

Alvin Wei Ming Tan, Stanford University

Yuliya Zubak, Wisconsin Institute for Discovery

Leon Assaad, Munich Center for Mathematical Philosophy

Dhara Yu, University of California, Berkeley

Eric Martinez, MIT

Urvi Maheshwari, University of California, San Diego

Moufan Li, New York University

Aaron Chuey, Stanford University

CogSci 2024 DETAILED SCHEDULE

All times below are Central European Time (Rotterdam time). Please note: the program app will adjust the conference schedule to your specific time zone.

WEDNESDAY, JULY 24, 2024

07:30 - 18:00 REGISTRATION OPEN

Mercurius Hall

08:00 - 12:00 MORNING COFFEE

Shipping Hall

08:30 - 17:00 WORKSHOP 6:

Goudriaan ***Career paths beyond the tenure track for cognitive scientists***

Vanessa Simmering: Doctrina Consulting, LLC; Carissa L Shafto: Brightfield Strategies, LLC

08:30 - 17:00 WORKSHOP 1:

Diamond II ***In-context learning in natural and artificial intelligence***

Akshay Kumar Jagadish & Marcel Binz: Helmholtz Munich; Ishita Dasgupta: Google DeepMind; Jacques Pesnot Lerousseau: Institut for Communication, Language and the Brain

08:30 - 17:00 WORKSHOP 2:

Leeuwen ***Coggraph: Building bridges between cognitive science and computer graphics***

Kartik Chandra, Anne H K Harrington, & Katherine M Collins: MIT; Christopher Kynn: UC Berkeley; Kushin Mukherjee: University of Wisconsin-Madison; Sean P Anderson & Judith E. Fan: Stanford University; Arnav Verma: University of Toronto

08:30 - 17:00 WORKSHOP 3:

Mees ***Compositionality in minds, brains and machines: A unifying goal that cuts across cognitive sciences***

Barbara Pomiechowska: University of Birmingham; Rachel Dudley: Central European University; Lionel Wong: Massachusetts Institute of Technology; Mathias Sablé-Meyer: University College London

08:30 - 17:00 WORKSHOP 5:

Diamond I ***Improving concepts in cognitive science***

Marina Dubova: Indiana University Bloomington; Lisa Feldman Barrett: Northeastern University; Robert Goldstone: Indiana University; Sebastian Musslick: University of Osnabrück; Russell Poldrack: Stanford University

10:00 - 10:30 REFRESHMENT BREAK

Shipping Hall

12:00 - 13:00 LUNCH ON OWN

On own

13:00 - 17:00 WORKSHOP 4:

Goudriaan ***Rapprochement, not detente: How cognitive science and industry can get back to getting along, and make each other better along the way***

David Landy: Netflix; Robert Glushko: University of California, Berkeley

13:00 - 17:00 WORKSHOP 7:

*Penn Room****Using psychometrics to improve cognitive models—and theory***

Alvin Wei Ming Tan, George Kachergis and Michael C. Frank: Stanford University

14:30 - 15:00 REFRESHMENT BREAK

Shipping Hall

17:30 - 18:30 DISCUSSION GROUP SESSION:

*Mees****AI and cognition: Transformative tool or disruptive force?***

Natalia Postnova & Evgenii Rudakov: University of Helsinki

17:30 - 18:30 DISCUSSION GROUP SESSION:

*Penn Room****Can robots dream?***

Grace Roessling & Adan Gomez: Rensselaer Polytechnic Institute

17:30 - 18:30 AFFINITY GROUP SESSION:

*Leeuwen****Asia-Pacific Cognitive Science Group***

Janet Hsiao: Hong Kong University of Science and Technology; Antoni Chan: City University of Hong Kong; Byoung-kyong Min: Korea University; Seong Bae Lim: St. Mary's University; Junya Morita: Shizuoka University; Mutsumi Imai: Keio University; Charles Kemp: University of Melbourne

THURSDAY, JULY 25, 2024

07:30 - 19:00 REGISTRATION DESK OPEN

Mercurius Hall

08:00 - 19:00 EXHIBITS OPEN

Shipping Hall

Coffee available in Poster Session

08:30 - 09:00 WELCOME FROM CSS PRESIDENT & PROGRAM CHAIRS

Rotterdam Hall

09:00 - 10:00 KEYNOTE

*Rotterdam Hall****Enhancing real-world event memory***

Morgan Barense: University of Toronto, Canada

10:00 - 10:30 REFRESHMENT BREAK

Shipping Hall

10:30 - 11:20 GLEITMAN TALK:

*Rotterdam Hall****Language foundations: Insights from acquisition, communication, cognition and More***

Isabelle Dautriche: Centre de Recherche en Psychologie et en Neurosciences (CNRS)

11:20 - 12:00 T.01: Decision Making 1

Rotterdam Hall

T.01.03: Work smarter... not harder: Efficient minimization of dependency length in SOV languages

Presenting Author: Sidharth Ranjan

Sidharth Ranjan: University of Stuttgart; Titus von der Malsburg: University of Stuttgart

T.01.04: Using cognitive variables to explain why effect sizes differ in the behavioral sciences

Presenting Author: Antonia Krefeld-Schwalb

Antonia Krefeld-Schwalb: Erasmus University Rotterdam; Prof. Eric J. Johnson,: Columbia University; Eli Rosen Sugerman: Columbia University

10:30 - 12:00 SYMPOSIUM 1

Diamond I

S.01: Is deep learning the answer for understanding human cognitive dynamics?

Brenden Lake: NYU; Raul Grieben: Ruhr-Universität Bochum; Mariya Toneva: Max Planck Institute for Software Systems; Gina Kuperberg: Tufts University

10:30 - 12:00 SYMPOSIUM 2

Diamond II

S.02: Who is responsible for collective action?

Lionel Wong: Massachusetts Institute of Technology; Casey Lewry: Princeton University; Sofia Bonicalzi: Roma Tre University; Tobias Gerstenberg: Stanford University

10:30 - 12:00 T.02: Social Cognition 1

Penn

T.02.01: A rational model of vigilance in motivated communication

Presenting Author: Kerem Oktar

Kerem Oktar: Princeton University; Ted Sumers: Princeton University; Tom Griffiths: Princeton University

T.02.02: Cooperative Explanation as Rational Communication

Presenting Author: Kartik Chandra

Kartik Chandra: MIT; Tony Chen: MIT; Tzu-Mao Li: UCSD; Jonathan Ragan-Kelley: MIT; Josh Tenenbaum: MIT

T.02.03: Reasoning about knowledge in lie production

Presenting Author: Marlene Berke

Zhi Yi Tan: Yale NUS College; Julian Jara-Ettinger: Yale University; Marlene Berke: Yale University

T.02.04: Value internalization: Learning and generalizing from

Presenting Author: Max Kleiman-Weiner

Frieda Rong: Stanford University; Max Kleiman-Weiner: University of Washington

- 10:30 - 12:00 Goudriaan**
- T.03: Cognitive Development 1**
- T.03.01: Readily grasping ‘who’ and ‘whom’: child-directed speech facilitates semantic role learning**
- Presenting Author: Kartik Chandra
Eva Huber: University of Zurich; **Sabine Stoll:** University of Zurich; **Balthasar Bickel:** University of Zurich;
- T.03.02: Fifteen-month-olds accept arbitrary shapes as symbols of familiar kind tokens**
- Presenting Author: Barbu Revencu
Barbu Revencu: Central European University; **Barbara Pomiechowska:** University of Birmingham; **Gabor Brody:** Brown University; **Gergely Csibra:** Central European University
- T.03.03: Challenging the control-of-variables strategy: How confounded comparisons can support children’s science learning**
- Presenting Author: Elizabeth Bonawitz: Harvard University
Lucas Lörrch: DIPF Leibniz Institute for Research and Information in Education; **Elizabeth Bonawitz:** Harvard; **Garvin Brod:** DIPF Leibniz Institute for Research and Information in Education
- T.03.04: Emergence of certainty representations for guiding concept learning**
- Presenting Author: Huiwen Alex Yang
Huiwen Alex Yang: University of California, Berkeley; **Louis Marti:** UC Berkeley; **Carolyn Baer:** University of British Columbia; **Aaraam Granera:** University of California, Berkeley; **Holly Palmeri:** University of California, Berkeley; **Celeste Kidd:** University of California, Berkeley
- 10:30 - 12:00 Leeuwen**
- T.04: Decision Making 2**
- T.04.01: Predicting NCAA men’s basketball rankings: How context effects shape beliefs**
- Presenting Author: Jun Fang
Jun Fang: Indiana University; **Xiaohong Cai:** Indiana University; **James Adaryukov:** Indiana University; **Tim Pleskac:** Indiana University
- T.04.02: Anxiety symptoms of major depression associated with increased willingness to exert cognitive, but not physical effort**
- Presenting Author: Temitope Oshinowo
Laura A. Bustamante: Washington University in St. Louis; **Deanna Barch:** Washington University in St. Louis; **Johanne Solis:** Rutgers University; **Temitope Oshinowo:** Princeton University; **Ivan Grahek:** Brown University; **Anna B Konova:** Rutgers University; **Nathaniel Daw:** Princeton University; **Jonathan Cohen:** Princeton University
- T.04.03: Program-based strategy induction for reinforcement learning**
- Presenting Author: Carlos G. Correa
Carlos G. Correa: Princeton University; **Tom Griffiths:** Princeton University; **Nathaniel Daw:** Princeton University
- T.04.04: The perils of omitting omissions when modeling evidence accumulation**
- Presenting Author: Alexander Fengler: Brown University
Xiamin Leng: Brown University; **Alexander Fengler:** Brown University; **Amitai Shenhav:** Brown University; **Michael J. Frank:** Brown University

10:30 - 12:00 T.05: Memory 1

Mees I

T.05.01: Episodic memory supports the acquisition of structured task representations

Presenting Author: Qihong Lu

Qihong Lu: Columbia University; **Ali Hummos:** Massachusetts Institute of Technology; **Kenneth Norman:** Princeton University

T.05.02: Modeling the contributions of capacity and control to working memory development

Presenting Author: Evan Russek

Evan Russek: Princeton University; **Cameron Rouse Turner:** Princeton University; **Emma McEwen:** University of St Andrews; **Andreea Miruna Miscov:** University of St Andrews; **Amanda Seed:** University of St Andrews; **Tom Griffiths:** Princeton University

T.05.03: An agent-based model of foraging in semantic memory

Presenting Author: Diego Morales Bader

Diego Morales: Adolfo Ibañez University; **Enrique Canessa:** Adolfo Ibañez University; **Sergio E. Chaigneau:** Adolfo Ibanez University

T.05.04: A neural network model trained on free recall learns the method of loci

Presenting Author: Moufan Li

Moufan Li: New York University; **Kristopher T. Jensen:** University College London; **Marcelo G Mattar:** New York University

10:30 - 12:00 T.06: Language Comprehension 1

Mees II

T.06.01: "Must" people reason logically with "permission" in daily situations? An explorative experimental investigation in human reasoning of normative concepts.

Presenting Author: Wai Wong

Wai Wong: KU Leuven; **Meimei Yang:** KU Leuven; **Walter Schaeken:** KU Leuven; **Lorenz Demey:** KU Leuven; **Joost Vennekens:** KU Leuven

T.06.02: The effect of meaning-related cues on pronoun resolution in Dutch

Presenting Author: Jet Hoek

Jet Hoek: Radboud University; **Hans Wilke:** University of Groningen

T.06.03: The rationality of inferring causation from correlational language

Presenting Author: Daniel Lassiter

Daniel Lassiter: University of Edinburgh; **Michael Franke:** University of Tübingen

T.06.04: Abstract sentences elicit more uncertainty and curiosity than concrete sentences

Presenting Author: Claudia Mazzuca

Claudia Mazzuca: Sapienza University of Rome; **Caterina Villani:** University of Bologna; **Tommaso Lamarra:** University of Bologna; **Marianna M Bolognesi:** Modern Languages Dep; **Anna Borghi:** Sapienza University of Rome

10:30 - 12:00 T.07: Computational Modeling 1

J.F. Staal

T.07.01: CORE: Mitigating catastrophic forgetting in continual learning through cognitive replay

Presenting Author: Jianshu Zhang

Jianshu Zhang: School of Cyber Science and Engineering; Yankai Fu: School of Cyber Science and Engineering; Ziheng Peng: School of Cyber Science and Engineering; Dongyu Yao: Wuhan University; Kun He: Wuhan University

T.07.02: Human curriculum effects emerge with in-context learning in neural networks

Presenting Author: Jacob Russin

Jacob Russin: Brown; Ellie Pavlick: Brown University; Michael J. Frank: Brown University

T.07.03: Memory retrieval processes during real-time language comprehension: Empirical evidence and computational modelling

Presenting Author: Hiroki Fujita

Hiroki Fujita: University of Potsdam

T.07.04: Finding structure in logographic writing with library learning

Presenting Author: Guangyuan Jiang

Guangyuan Jiang: Massachusetts Institute of Technology; Matthias Hofer: MIT; Jiayuan Mao: Massachusetts Institute of Technology; Lionel Wong: Massachusetts Institute of Technology; Josh Tenenbaum: MIT; Roger Levy: Massachusetts Institute of Technology

10:30 - 12:00 T.08: Event Processing 1

Van Walsum

T.08.01: Event segmentation in language and cognition

Presenting Author: Bilge Tinaz

Bilge Tinaz: Özyegin University; Ercenur Ünal: Özyegin University

T.08.02: Shades of zero: Distinguishing impossibility from inconceivability

Presenting Author: Jennifer Hu

Jennifer Hu: Harvard University; Felix Anthony Sosa: Harvard University; Tomer D. Ullman: Harvard University

T.08.03: Do cross-linguistic differences influence event perception?

Presenting Author: Yue Ji

Yue Ji: Beijing Institute of Technology; Anna Papafragou: University of Pennsylvania

T.08.04: Multimodal description of instrument events in turkish and english

Presenting Author: Christiana Moser

Christiana Moser: University of Toronto; Bahar Tarakçı: Özyegin University; Ercenur Ünal: Özyegin University; Myrto Grigoroglou: University of Toronto

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|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10:30 - 12:00 <i>Van der Veenen</i> | T.09: Artificial Intelligence 1 T.09.01: Procedural dilemma generation for moral reasoning in humans and language models <i>Presenting Author: Tobias Gerstenberg (or Jan-Philipp Fränken)</i> <i>Jan-Philipp Fränken: Stanford University; Kanishk Gandhi: Stanford University; Tori Qiu: Stanford University; Ayesha Khawaja: Stanford University; Noah Goodman: Stanford University; Tobias Gerstenberg: Stanford University</i> |
| | T.09.02: Moral association graph: A cognitive model for moral inference <i>Presenting Author: Aida Ramezani</i> <i>Aida Ramezani: University of Toronto; Yang Xu: University of Toronto</i> |
| | T.09.03: Transformer mechanisms mimic frontostriatal gating operations when trained on human working memory tasks <i>Presenting Author: Aaron Traylor</i> <i>Aaron Traylor: Brown University; Jack Merullo: Brown University; Michael J. Frank: Brown University; Ellie Pavlick: Brown University</i> |
| | T.09.04: Towards a computational model of responsibility judgments in sequential human-AI collaboration <i>Presenting Author: Stratis Tsirsis</i> <i>Stratis Tsirsis: Max Planck Institute for Software Systems; Manuel Gomez Rodriguez: Max Planck Institute for Software Systems; Tobias Gerstenberg: Stanford University</i> |
| 12:00 - 13:00 LUNCH ON OWN | |
| 12:15 - 13:15 <i>Penn</i> | AFFINITY GROUP MTG <i>Open encyclopedia of cognitive science</i> <i>Philip Laughlin: The MIT Press; Asifa Majid: Oxford University; Michael C. Frank: Stanford University</i> |
| 13:00 - 14:15 <i>Shipping & Exchange Hall</i> | POSTER SESSION <i>Coffee available in Poster Session</i> |
| 14:15 - 15:45 <i>Rotterdam Hall</i> | INVITED SYMPOSIUM 1 <i>Dynamics between minds & the environment</i> <i>Kenji Doya: Okinawa Institute of Science and Technology Graduate University; Alex Clarke: University of Cambridge; Willem Frankenhuys: University of Amsterdam</i> |
| 14:15 - 15:45 <i>Diamond I</i> | SYMPOSIUM 3 S.03: Higher cognition in large language models <i>Nicholas Ichien: University of Pennsylvania; Sudeep Bhatia: University of Pennsylvania; Anna Ivanova: Georgia Institute of Technology; Taylor Webb: University of California, Los Angeles; Tom Griffiths: Princeton University; Marcel Binz: Helmholtz Computational Health Center</i> |

14:15 - 15:45 T.10: Embodied Cognition

Goudriaan

T.10.01: What predicts adult word learning in naturalistic interactions? A corpus study

Presenting Author: Francesco Cabiddu

Francesco Cabiddu: University College London; **Christopher Edwards:** University College London; **Harriet Hill-Payne:** University College London; **Ed Donnellan:** University of Warwick; **Yan Gu:** University of Essex; **Gabriella Vigliocco:** University College London

T.10.02: Eye movements are like gestures in the creation of informal algorithms

Presenting Author: Robert Mackiewicz

Robert Mackiewicz: SWPS University of Social Science and Humanities; **Monica Bucciarelli:** Università di Torino; **Sangeet Khemlani:** Naval Research Laboratory; **Phil Johnson-Laird:** Princeton University

T.10.03: Movement coordination as a measure of togetherness in improvised dance duets

Presenting Author: Julian Zubek

Julian Zubek: University of Warsaw; **Klara Łucznik:** University of Warsaw

T.10.04: Stepping back to see the connection: Movement during problem solving facilitates creative insight

Presenting Author: Tyler Marghetis

Shadab Tabatabaeian: University of California Merced; **Alyssa Viviana Ortega:** University of California, Merced; **Artemisia O'bi:** University of California, Merced; **David Landy:** Indiana University, Bloomington; **Tyler Marghetis:** University of California, Merced

14:15 - 15:45 T.11: Social Cognition 2

Penn

T.11.01: Find it like a dog: Using gesture to improve object search

Presenting Author: Madeline H. Pelgrim & Ivy Xiao He

Madeline Helmer Pelgrim: Brown University; **Ivy Xiao He:** Brown University; **Kyle Lee:** Brown University; **Falak Pabari:** brown university ; **Stefanie Tellex:** Brown University; **Thao Nguyen:** Brown University; **Daphna Buchsbaum:** Brown University

T.11.02: Infants point to satisfy the epistemic needs of their communicative partner

Presenting Author: Tibor Tauzin

Tibor Tauzin: University of Vienna; **Josep Call:** University of St Andrews; **Gyorgy Gergely:** Central European University

T.11.03: Emblems and improvised gestures are structured to guide their own detection

Presenting Author: Amanda Royka

Amanda L Royka: Yale University; **Gwyneth Heuser:** Allendale Columbia School; **Marieke Schouwstra:** University of Amsterdam; **Simon Kirby:** The University of Edinburgh; **Julian Jara-Ettinger:** Yale University

T.11.04: When and why does shared reality generalize?

Presenting Author: Wasita Mahaphanit

Wasita Mahaphanit: Dartmouth College; **Christopher Welker:** Dartmouth College; **Helen Schmidt:** Temple University; **Luke Chang:** Dartmouth College; **Robert Hawkins:** University of Wisconsin-Madison

14:15 - 15:45 T.12: Language Acquisition 1

Diamond II

T.12.01: Dynamic processes of learning words from context

Presenting Author: Layla Unger

Layla Unger: University of York; Vladimir Sloutsky: The Ohio State University

T.12.02: Similarity in object properties supports cross-situational word learning: Predictions from a dynamic neural model confirmed

Presenting Author: Ajaz A Bhat

Ajaz Ahmad Bhat: University Brunei Darussalam; John Spencer: University of East Anglia; Larissa K Samuelson: University of East Anglia

T.12.03: Modeling cue re-weighting in dimension-based statistical learning

Presenting Author: Yiming Lu

Yiming Lu: University of California, Irvine; Xin Xie: University of California, Irvine

T.12.04: Structural generalization of modification in adult learners of artificial language

Presenting Author: Najoung Kim

Najoung Kim: Boston University; Paul Smolensky: Johns Hopkins University

14:15 - 15:45 T.13: Concepts 1

Leeuwen

T.13.01: Optimal compression in human concept learning

Presenting Author: Nathaniel Imel

Nathaniel Imel: University of California Irvine; Noga Zaslavsky: UCI

T.13.02: Predicting the unexpected - analysis and modeling of the denial of expectation

Presenting Author: Marie Christin Walch

Marie Christin Walch: Leibniz Universität Hannover

T.13.03: Dissociating mental imagery and mental simulation: Evidence from aphantasia

Presenting Author: Laura J. Speed

Laura J. Speed: Radboud University; Ken McRae: University of Western Ontario

T.13.04: Object-event correspondences across languages

Presenting Author: Sarah Hye-yeon Lee

Sarah Hye-yeon Lee: University of Pennsylvania; Anna Papafragou: University of Pennsylvania

14:15 - 15:45 T.14: Cognitive Development 2

Mees I

T.14.01: Preschoolers' neophobia influences category-based abilities beyond the food domain

Presenting Author: Damien Foinant

Damien Foinant: Université de Bourgogne; Lafraire Jérémie: Institut Lyfe Research and Innovation Center; Jean-Pierre Thibaut: Université de Bourgogne

T.14.02: Innovating for the future: When do children begin to recognise and manufacture solutions to future problems?

Presenting Author: Zoe Ockerby

Zoe Ockerby: The University of Queensland; Thomas Suddendorf: University of Queensland; Jonathan Redshaw: University of Queensland

T.14.03: Reuse and remixing in question asking across development

Presenting Author: Emily G. Liquin

Emily G Liquin: New York University; Marjorie Rhodes: New York University; Todd M Gureckis: New York University

T.14.04: Can children learn functional relations through active information sampling?

Presenting Author: Rebekah Gelpi

Caiqin Zhou: Brown University; Rebekah Gelpi: University of Toronto; Chris Lucas: University of Edinburgh; Daphna Buchsbaum: Brown University

14:15 - 15:45 T.15: Animal Cognition

J.F. Staal

T.15.01: Connecting the dots: a comparative and developmental analysis of spatiotemporal pattern learning

Presenting Author: Tracey Mills T

Tracey Mills: MIT; Nicole Coates: Massachusetts Institute of Technology; Alessandra A. Silva: University of Wisconsin-Madison; Stephen Ferrigno: University of Wisconsin-Madison; Laura Schulz: Massachusetts Institute of Technology; Josh Tenenbaum: MIT; Samuel J. Cheyette: MIT

T.15.02: Latent meaning representations in great-ape gestural communication

Presenting Author: Michael Franke

Michael Franke: University of Tübingen; Manuel Bohn: Max Planck Institute for Evolutionary Anthropology; Marlen Fröhlich: University of Tübingen

T.15.03: Guinea baboons (*Papio papio*) show an agent preference in chasing interactions

Presenting Author: Floor Meewis

Floor Meewis: CNRS / Aix-Marseille University; Joel Fagot: CNRS / Aix-Marseille University; Nicolas Claidiere: CNRS / Aix-Marseille University; Isabelle Dautriche: CNRS / Aix-Marseille University

T.15.04: Automated recognition of grooming behavior in wild chimpanzees

Presenting Author: Yana van de Sande

Yana van de Sande MSc.: Radboud University; Wim Pouw: Radboud University Nijmegen; Lara M Southern: Osnabrück University

14:15 - 15:45 T.16: Language Comprehension 2

Mees II

T.16.01: Compositional generalization in distributional models of semantics: Transformer-based language models are architecturally advantaged

Presenting Author: Shufan Mao

Shufan Mao: University of Illinois at Urbana Champaign; Philip A Huebner: Pattern; Jon Willits: University of Illinois at Urbana-Champaign

T.16.02: Interindividual differences in predicting words versus sentence meaning: Explaining N400 amplitudes using large-scale neural network models

Presenting Author: Milena Rabovsky

Milena Rabovsky: University of Potsdam; Alessandro Lopopolo Lopopolo: University of Potsdam; Daniel J. Schad: HMU Health and Medical University Potsdam

T.16.03: Revisiting joke comprehension with surprisal and contextual similarity: Implication from N400 and P600 components

Presenting Author: Haoyin Xu

Haoyin Xu: University of California, San Diego; Masaki Nakanishi: 1986; Seana Coulson: UC San Diego

T.16.04: On the limits of LLM surprisal as functional explanation of ERPs

Presenting Author: Benedict Krieger

Benedict Krieger: Saarland University; Harm Brouwer: Tilburg University; Christoph Aurnhammer: Saarland University; Matthew W Crocker: Saarland University

14:15 - 15:45 T.17: Perception 1

Van Walsum

T.17.01: A predictive learning model can simulate temporal dynamics and context effects found in neural representations of continuous speech

Presenting Author: Oli Danyi Liu

Oli Danyi Liu: School of Informatics; Hao Tang: School of Informatics; Naomi H Feldman: University of Maryland; Sharon Goldwater: University of Edinburgh

T.17.02: Language discrimination may not rely on rhythm: A computational study

Presenting Author: Ruolan Leslie Famularo

Ruolan Leslie Famularo: University of Maryland; Ali Aboelata: University of Maryland; Thomas Schatz: Aix-Marseille Université; Naomi H Feldman: University of Maryland

T.17.03: The effects of musical factors on the perception of auditory illusions

Presenting Author: Ahyeon Choi

Ahyeon Choi: Seoul National University; Younyoung Bang: Seoul National University; Jeong Mi Park: Seoul National University; Kyogu Lee: Seoul National University

T.17.04: Listeners optimally integrate acoustic and semantic cues across time during spoken word recognition

Presenting Author: Wednesday Bushong

Wednesday Bushong: Wellesley College; Daniel LaMarche: University at Buffalo; Elayna A Espinal: University of Hartford; Zachary J. Longo: University of Hartford

14:15 - 15:45 TR.18: Reasoning

Van der Veeken

TR.18.01: Dynamics of analogical retrieval: Evaluating spontaneous access by reversing the traditional presentation order of analogs during a hypothesis-generation task

Presenting Author: Leandro E. Rivas

Leandro E. Rivas: IPEHCS, CONICET-UNCo; Sabina Leon: CONICET-UNCo; Maximo Trench: CONICET-UNCo

TR.18.02: Second order uncertainty and prospect theory

Presenting Author: Stephen H Dewitt

Stephen H Dewitt: University College London; Michelle Lam: University College London; Andy Shi: University College London; Borys Tam: University College London; Samuel Henri Dupret: University College London; Toby D Pilditch: University College London; David Lagnado: University College London

TR.18.03: Object files encode possible object identities, but not possible locations

Presenting Author: Gabor Brody

Gabor Brody: Brown University; Peter Mazalik: Johns Hopkins University; Roman Feiman: Brown

15:45 - 16:00 TRANSITION BREAK

16:00 - 17:00 RUMELHART PRIZE KEYNOTE

Rotterdam Hall

Alison Gopnik: University of California, Berkeley, USA

Explore, exploit, empower: Three ages and three intelligences

17:00 - 18:30 RUMELHART RECEPTION

Shipping/
Exchange/

Mercurius Hall

FRIDAY, JULY 26, 2024

07:30 - 19:00 REGISTRATION DESK OPEN*Mercurius Hall***08:00 - 19:00 EXHIBITS OPEN***Shipping Hall* Coffee available**09:00 - 10:00 THE C.L. DE CARVALHO-HEINEKEN PRIZE KEYNOTE***Rotterdam Hall* **Kia Nobre:** University of Oxford, United Kingdom***Focusing in memory*****10:00 - 10:30 REFRESHMENT BREAK***Shipping Hall***10:30 - 12:00 RUMELHART SYMPOSIUM***Rotterdam Hall*Symposium Chair: **Tamar Kushnir:** Duke UniversitySpeakers: **Caren Walker:** UCSD; **Tom Griffiths:** Princeton University; **Willem Frankenhuis:** University of Amsterdam; **Laura Schulz:** MIT**10:30 - 12:00 SYMPOSIUM 4***Diamond I***S.04: How does the sensory-motor brain integrate and give rise to cognition and learning?**

Iliyana Trifonova: University of East Anglia; Jason A. Shaw: Yale University; Aaron Buss: University of Tennessee; Jelmer Borst: University of Groningen

10:30 - 12:00 T.19: Causation*Penn***T.19.01: Exploring effects of self-censoring through agent-based simulation**

Presenting Author: Klee Schöppl

Klee Schöppl: University of Groningen; Ulrike Hahn: Birkbeck, University of London

T.19.02: Young children reason about adults' achievement goals for them

Presenting Author: Brandon Carrillo

Brandon Carrillo: Yale University; Mika Asaba: Yale University; Lizbeth Lozano: Yale University; Lauren Okine: Yale University; Julia Anne Leonard: Yale University

T.19.03: Functional rule inference from causal selection explanations

Presenting Author: Nicolas Navarre and Can Konuk

Nicolas Navarre: University of Edinburgh; Can Konuk: Institut Jean Nicod; Neil R. Bramley: University of Edinburgh; Salvador Mascarenhas: Ecole Normale Supérieure

T.19.04: Dynamics of causal attribution

Presenting Author: Dana Kulzhabayeva

Dana Kulzhabayeva: University of Toronto; Joseph Jay Williams: University of Toronto; David Danks: University of California, San Diego

10:30 - 12:00 T.20: Cognitive Development 3

Goudriaan

T.20.01: Benford's law from a developmental perspective

Presenting Author: Bruce D. Burns

Sophia Wünsch: Goethe University; Regina Vollmeyer: Goethe University; Bruce Burns: The University of Sydney

T.20.02: What if pascale had gone to another school: The effect of counterfactual alternatives on 5-6-year-olds' moral and happiness judgments

Presenting Author: Zeynep Genç

Zeynep Genç: University of Kent; Angela Nyhout: University of Kent

T.20.03: Developing irrational confidence? Metacognition in probabilistic decisions with multiple alternatives

Presenting Author: Cate MacColl

Cate MacColl: University of Queensland; David K Sewell: The University of Queensland; Jonathan Redshaw: University of Queensland

T.20.04: Children's emerging ability to balance internal and external cognitive resources

Presenting Author: Lily Dicken

Lily S Dicken: University of Queensland; Thomas Suddendorf: University of Queensland; Adam Bulley: The Behavioural Insights Team; Muireann Irish: The University of Sydney; Jonathan Redshaw: University of Queensland

10:30 - 12:00 T.21: Language Acquisition 2

Diamond II

T.21.01: Analysing communicative intent coordination in child-caregiver interactions

Presenting Author: Abhishek Agrawal

Abhishek Agrawal: Aix-Marseille Université; Benoit Favre: Aix-Marseille University; Abdellah Fourtassi: Aix-Marseille University

T.21.02: Shared context and lexical alignment: an experimental investigation

Presenting Author: Katie Mudd

Katie Mudd: University of Amsterdam; Marieke Schouwstra: University of Amsterdam

T.21.03: Why does joint attention predict vocabulary acquisition? The answer depends on what coding scheme you use

Presenting Author: Jennifer Sander

Jennifer Sander: Max Planck Institute for Psycholinguistics; Melis Çetinçelik: Max Planck Institute for Psycholinguistics; Yun Zhang: Max Planck Institute for Psycholinguistics; Caroline F Rowland: Max Planck Institute for Psycholinguistics; Zara Harmon: Max Planck Institute for Psycholinguistics

T.21.04: A longitudinal analysis of children's communicative acts

Presenting Author: Claire Augusta Bergey

Claire Augusta Bergey: University of Wisconsin-Madison; Misha E O'Keeffe: University of Wisconsin-Madison; Robert Hawkins: University of Wisconsin-Madison

10:30 - 12:00 T.22: Social Cognition 3

Leeuwen

T.22.01: Pink noise in speakers' semantic synchrony dynamics as a metric of conversation quality

Presenting Author: Kathryn C. O'Neill

Kathryn O'Neill: Dartmouth College; Emily S. Finn: Dartmouth College

T.22.02: Does reading words help you to read minds? A comparison of humans and LLMs at a recursive mindreading task

Presenting Author: Cameron R. Jones

Cameron R Jones: UC San Diego; Sean Trott: UC San Diego; Benjamin Bergen: UC San Diego

T.22.03: How does social learning affect stable false beliefs?

Presenting Author: Rheza Budiono

Rheza Budiono: New York University; Catherine Hartley: New York University; Todd M Gureckis: New York University

T.22.04: The hair club for boys: How children and adults judge disparate impact rules

Presenting Author: Aarthi Popat

Aarthi Popat: Yale University; Jamie Amemiya: Occidental College; Gail D. Heyman: UC San Diego; Caren M. Walker: University of California San Diego

10:30 - 12:00 T.23: Language Production 1

Mees I

T.23.01: Spatial demonstratives and physical control

Presenting Author: Angelo Mattia Gervasi

Angelo Mattia Gervasi: Sapienza University of Rome; Anna Borghi: Sapienza University of Rome; Francesco Mannella: National Research Council; Luca Tummolini: National Research Council of Italy

T.23.02: From the mouths of babes: Toddlers' early word production favors information in common ground

Presenting Author: Lia Washington

Bradli Washington: Massachusetts Institute of Technology; Sienna Radifera: Massachusetts Institute of Technology; Melissa Kline Struhl: Massachusetts Institute of Technology; Laura Schulz: Massachusetts Institute of Technology

T.23.03: Uniform information density explains subject doubling in French

Presenting Author: Yiming Liang

Yiming Liang: Universiteit Gent; Pascal Amsili: Université Sorbonne Nouvelle; Heather Burnett: CNRS; Vera Demberg: Saarland University

T.23.04: On idle idols and ugly icons: Do homophones create interference in typing?

Presenting Author: Merel Muylle

Merel Muylle: Ghent University; Nazbanou Nozari: Indiana University; Robert Hartsuiker: Ghent University

10:30 - 12:00 T.24: Large Language Models 1

Mees II

T.24.01: incoherent probability judgments in large language models

Presenting Author: Jian-Qiao Zhu

Jian-Qiao Zhu: Princeton University; Tom Griffiths: Princeton University

T.24.02: Comparing abstraction in humans and machines using multimodal serial reproduction

Presenting Author: Sreejan Kumar

Sreejan Kumar: Princeton University; Raja Marjeh: Princeton University; Byron Zhang: Princeton University; Declan Campbell: Princeton University; MICHAEL Y HU: New York University; Umang Bhatt: New York University; Brenden Lake: NYU; Tom Griffiths: Princeton University

T.24.03: Language models that accurately represent syntactic structure exhibit higher representational similarity to brain activity

Presenting Author: Abraham Jacob Fresen

Abraham Jacob Fresen: University of Amsterdam; Rochelle Choenni: ILLC; Micha Heilbron: University of Amsterdam; Willem Zuidema: University of Amsterdam; Marianne de Heer Kloots: Institute for Logic, Language and Computation

T.24.04: Deep learning as language emergence: Noise drives generalisation

Presenting Author: Henry Conklin

Henry Conklin: University of Edinburgh; Kenny Smith: University of Edinburgh

10:30 - 12:00 T.25: Cognitive Neuroscience 1

J.F. Staal

T.25.01: Optimal decision-making under task uncertainty: A computational basis for cognitive stability versus flexibility

Presenting Author: Seth Madlon-Kay

Seth Madlon-Kay: Duke University; John Pearson: Duke University; Tobias Egner: Duke University

T.25.02: Humans use episodic memory to access features of past experience for flexible decision making

Presenting Author: Jonathan Nicholas

Jonathan Nicholas: New York University; Marcelo G Mattar: New York University

T.25.03: Neural decoding of words and morphosyntactic features within and across languages

Presenting Author: Jeonghwa Cho

Jeonghwa Cho: University of Michigan; Jonathan R. Brennan: University of Michigan

T.25.04: A meta-learning framework for rationalizing cognitive fatigue in neural systems

Presenting Author: Sebastian Musslick

Yujun Li: Peking University; Rodrigo Carrasco-Davis: UCL; Younes Strittmatter: Brown University; Stefano Sarao Mannelli: UCL; Sebastian Musslick: Brown University

10:30 - 12:00 T.26: Real World Decisions

Van Walsum

T.26.01: Inconsistent arguments are perceived as better than appeals to authority: An extension of the everyday belief bias

Presenting Author: Calvin Deans-Browne

Calvin Christopher James Lee Deans-Browne: University College London; Alexandra Băitanu: University College London; Yuliya Dubinska Ms: UCL; Henrik Singmann: UCL

T.26.02: The structure of everyday choice: insights from 100k real-life decision problems

Presenting Author: Sudeep Bhatia

Sudeep Bhatia: University of Pennsylvania; Simon T. van Baal: University of Vienna; Lukasz Walasek: University of Warwick

T.26.03: DELTA: Dynamic embedding learning with truncated conscious attention for ctr prediction

Presenting Author: Chen Zhu

Chen Zhu: Tsinghua University; Liang Du: IEG; Hong Chen: Tsinghua University; Shuang Zhao: Tencent; Zixun Sun: Tencent; Xin Wang: Tsinghua University; Wenwu Zhu: Tsinghua University

T.26.04: Simple changes to content curation algorithms affect the beliefs people form in a collaborative filtering experiment

Presenting Author: Jason W. Burton

Jason W. Burton: Copenhagen Business School; Stefan M Herzog: Max Planck Institute for Human Development; Philipp Lorenz-Spreen: Max Planck Institute for Human Development

10:30 - 12:00 TR.27: Computational Modeling 2

Van der Veeken

TR.27.01: Towards a path dependent account of category fluency

Presenting Author: David Heineman

David Heineman: Georgia Institute of Technology; Reba Koenen: Georgia Institute of Technology; Sashank Varma: Georgia Tech

TR.27.02: Estimating type of print exposure across aging through author production

Presenting Author: Mengyang Qiu

Mengyang Qiu: Trent University; Nichol Castro: University at Buffalo; Brendan Johns: McGill University

TR.27.03: Foreground enhanced network for weakly supervised temporal language grounding

Presenting Author: Hongzhou Wu

Hongzhou Wu: NUDT; Xuechen Zhao: National University of Defense and Technology; Yifan Lyu: Institute of Software, Chinese academy of sciences; Xiang Zhang: National University of Defense Technology

TR.27.04: Hybrid-similarity exemplar model of context-dependent memorability

Presenting Author: Robert Nosofsky

Robert Nosofsky: Indiana University; Adam Osth: University of Melbourne

12:00 - 13:00 LUNCH ON OWN

12:15 - 13:15 FUNDING DISCUSSION

Mees I

Getting funding to do cognitive science and education research

Gregg E. A. Solomon: US National Science Foundation; Betty Tuller: US National Science Foundation; Soo-Siang Lim: US National Science Foundation; Lara Faust: US Department of Education; Sonia Guerriero: UNESCO; Janka Matrai: European Research Council

13:00 - 14:15 POSTER SESSION

Shipping & Exchange Hall
Coffee available in Poster Session

14:15 - 15:45 ELMAN PRIZE SYMPOSIUM

Rotterdam Hall

Symposium Chairs: Laura Speed: Radboud University; Ewelina Wnuk: University of Warsaw

Speakers: Carolyn O'Meara: National Autonomous University of Mexico; Artin Arshamian: Karolinska Institute; Laura Speed: Radboud University; Ewelina Wnuk: University of Warsaw"

14:15 - 15:45 SYMPOSIUM 5

Diamond I

S.05: What should I do now? Goal-centric outlooks on learning, exploration, and communication

Cédric Colas: MIT; Junyi Chu: Harvard University; Gaia Molinaro: University of California, Berkeley; Robert Hawkins: University of Wisconsin-Madison

14:15 - 15:45 SYMPOSIUM 6

Diamond II

S.06: From fungi to thought: Exploring cognition in mushroom foraging

Aliki Papa: University of Bergen; Andrea Bender: University of Bergen; Matteo Colombo: Tilburg University; Roman Abel: Ruhr University Bochum; Roope Kaaronen: University of Helsinki

14:15 - 15:45 T.28: Theory of Mind

Penn

T.28.01: How to change a mind: Adults and children use the causal structure of theory of mind to intervene on others' behaviors

Presenting Author: Shengyi Wu

Shengyi Wu: Massachusetts Institute of Technology; Laura Schulz: Massachusetts Institute of Technology; Rebecca Saxe: MIT

T.28.02: No signatures of first-person simulation in Theory of Mind judgments about thinking

Presenting Author: Marlene Berke

Marlene Berke: Yale University; Ben Sterling: Yale University; Abi Tenenbaum: Yale University; Julian Jara-Ettinger: Yale University

T.28.03: Probing nonhuman primate errors on false belief tasks to explore the evolutionary roots of theory of mind

Presenting Author: Amanda Royka

Amanda L Royka: Yale University; Daniel J. Horschler: Yale University; Walker Bargmann: Yale University; Laurie Santos: Yale University

T.28.04: People balance joint reward, fairness and complexity to develop social norms in a two-player stochastic game

Presenting Author: Dhara Yu

Dhara Yu: University of California, Berkeley; Bill Thompson: University of California, Berkeley

14:15 - 15:45 T.29: Pragmatics

Goudriaan

T.29.01: Do as I explain: Explanations communicate optimal interventions

Presenting Author: Lara Kirfel

Lara Kirfel: Max Planck Institute for Human Development; Jacqueline Harding: Stanford University; Jeong Yeon Shin: Department of Computer Science; Cindy Xin: Department of Philosophy; Thomas Icard: Stanford University; Tobias Gerstenberg: Stanford University

T.29.02: Brown bear, brown bear, what do you see? Speaker use more redundant color adjectives when speaking to children than adults

Presenting Author: Maya Taliaferro

Maya Taliaferro: New York University; Laura Schulz: Massachusetts Institute of Technology

T.29.03: Pragmatic intrusion in probability judgment: The case of conditionals

Presenting Author: Daniel Lassiter

Daniel Lassiter: University of Edinburgh; Chunyan Li: University of Edinburgh

T.29.04: Not all generics are created equal: Differentiating between 'do' and 'can' generic statements

Presenting Author: Sophie H. Arnold

Sophie Arnold: New York University; Mohit Mukherji: New York University; Marjorie Rhodes: New York University

14:15 - 15:45 T.30: Cognitive Development 4

Leeuwen

T.30.01: Child-caregiver gaze dynamics in naturalistic face-to-face conversations

Presenting Author: Dhia-Elhak Goumri

Dhia Elhak Goumri: Aix-Marseille Université; Leonor Becerra-Bonache: Aix-Marseille University; Abdellah Fourtassi: Aix-Marseille University

T.30.02: Toddlers actively sample from reliable and unreliable speakers

Presenting Author: Jess Mankowitz

Jess Mankowitz: University of Wisconsin-Madison; Robert Hawkins: University of Wisconsin-Madison; Jenny Saffran: University of Wisconsin-Madison

T.30.03: A look "Inside" children's real-time processing of spatial prepositions

Presenting Author: Zoe Ovans

Zoe Ovans: University of Pennsylvania; Heesu Yun: University of Pennsylvania; Sarah Yi: University of Pennsylvania; Barbara Landau: Johns Hopkins University; John Trueswell: University of Pennsylvania

T.30.04: Children expect people to accurately represent the minds of their close social partners

Presenting Author: Brandon Woo

Brandon Matthew Woo: Harvard University; Emma Yu: Harvard University; Ashley J Thomas: Harvard University

14:15 - 15:45 T.31: Concepts 2

Mees I

**T.31.01: Superordinate referring expressions in abstraction:
Introducing the concept-level reference game**

Presenting Author: Kristina Kobrock

Kristina Kobrock: University of Osnabrück; Charlotte Uhlemann: University of Osnabrück; Nicole Gotzner: University of Osnabrück

T.31.02: The impact of speakers' multimodal behaviours on adults' learning of semantic information: A corpus-based investigation

Presenting Author: Christopher Edwards

Christopher Edwards: University College London; Francesco Cabiddu: University College London; Harriet Hill-Payne: University College London; Quitterie D'Estalenx: University of Exeter; Ed Donnellan: University College London; Yan Gu: University of Essex; Gabriella Vigliocco: University College London

T.31.03: Finding unsupervised alignment of conceptual systems in image-word representations

Presenting Author: Kexin Luo

Kexin Luo: NYU; Bei Zhang: NYU; Yajie Xiao: NYU; Brenden Lake: NYU

T.31.04: Conceptual knowledge modulates the temporal dynamics of novelty preference for real-world objects in a visual paired comparison task

Presenting Author: Elena Allegretti

Elena Allegretti: La Sapienza, University of Rome; Jennifer D/ Ryan: Baycrest; Moreno I. Coco: Sapienza, University of Rome

14:15 - 15:45 T.32: Decision Making 3

Mees II

T.32.01: Approach-avoidance motivation in lifelong learning: A new framework for understanding the decision-making process behind voluntary learning

Presenting Author: Angélica Mendes Correia

Angélica Mendes: University of Luxembourg; Samuel Greiff: University of Luxembourg; David Levi Tekampe: University of Luxembourg; Katarzyna Bobrowicz: University of Luxembourg

T.32.02: Pupil size reflects the relevance of reward prediction error and estimation uncertainty in upcoming choice

Presenting Author: Zoe Wanying He

Zoe W He: University of California, San Diego; Maëva L'Hôtellier: CEA Paris-Saclay, Gif-sur-Yvette, France Université de Paris; Alexander Paunov: CEA Paris-Saclay, Gif-sur-Yvette, France Université de Paris; Dalin Guo: University of California, San Diego; Florent Meyniel: CEA Paris-Saclay, Gif-sur-Yvette, France Université de Paris; Angela J Yu: Technical University of Darmstadt

T.32.03: The delusional hedge algorithm as a model of human learning from diverse opinions

Presenting Author: Timothy T Rogers

Yun-Shiuan Chuang: University of Wisconsin - Madison; Jerry Zhu: University of Wisconsin-Madison; Timothy Rogers: University of Wisconsin - Madison

T.32.04: Moment-to-moment decisions of when and how to help another person

Presenting Author: Todd Gureckis

Pamela Joy Osborn Popp: Vanderbilt University; Todd M Gureckis: New York University

14:15 - 15:45 T.33: Dynamical Systems

J.F. Staal

T.33.01: Interaction of polarity and truth value - A neural dynamic architecture of negation processing

Presenting Author: Lea Kati

Lea Kati: Ruhr-University Bochum; Daniel Sabinasz: Institut für Neuroinformatik; Gregor Schöner: Ruhr-Universität Bochum; Barbara Kaup: University of Tübingen

T.33.02: The cognitive dynamics of advertising

Presenting Author: Jad Soucar: University of California, Los Angeles

Jad Soucar: University of California, Los Angeles (UCLA); Francis Steen: University of California

T.33.03: Human-machine trios show different tempo changes in musical tasks

Presenting Author: Bavo Van Kerrebroeck

Bavo Van Kerrebroeck: McGill University; Marcelo Wanderley: McGill University; Alexander P Demos: University of Illinois at Chicago; Caroline Palmer: McGill University

T.33.04: Balancing on the edge: Review and computational framework on the dynamics of fear of falling and fear of heights in postural control

Presenting Author: Dominik Endres: Philipps-University Marburg

Ruslan Spartakov: Philipps University Marburg; Alap Kshirsagar: Technische Universität Darmstadt; Dominik Mühl: Philipps-University Marburg; Raphael Schween: Philipps University Marburg; Dominik M Endres: Philipps-Universitaet, Dept. Psychology; Frank Bremmer: Philipps University Marburg; Christiane A. Melzig: Philipps University Marburg; Jan Peters: Technische Universität Darmstadt

14:15 - 15:45 T.34: Semantics

Van Walsum

T.34.01: Cognitive factors in word sense decline

Presenting Author: Aniket Kali

Aniket Kali: University of Toronto; Yang Xu: University of Toronto; Suzanne Stevenson: University of Toronto

T.34.02: The (in)efficiency of within-language variation in online communities

Presenting Author: Jai Aggarwal

Jai Aggarwal: University of Toronto; Julia Watson: University of Toronto; Prabuddha Senapati: University Of Toronto; Suzanne Stevenson: University of Toronto

T.34.03: Capturing stage-level and individual-level information from photographs: Human-AI comparison

Presenting Author: Yuri Sato

Yuri Sato: Ochanomizu University; Ayaka Suzuki: Chiba University; Koji Mineshima: Keio University

T.34.04: Issues of generalization from unreliable or unrepresentative psycholinguistic stimuli: A case study on lexical ambiguity

Presenting Author: Jiangtian Li

Jiangtian Li: University of Toronto Scarborough; Blair C. Armstrong: University of Toronto

14:15 - 15:45 TR.35: Perception/Learning/Memory

Van der Veenen

TR.35.01: Target vs. Distractor: Does the role of a category in comparisons influence learning? Evidence from skin cancer classification

Presenting Author: Victoria Jacoby

Victoria L Jacoby: University of California, Los Angeles; Christine M. Massey: University of California, Los Angeles; Philip J Kellman: University of California, Los Angeles

TR.35.02: Influence of music education and interval size on grouping of the AB-AB sequence sounds

Presenting Author: Adam Rosiński

Adam Rosiński: University of Warmia and Mazury in Olsztyn

TR.35.03: Verbal overshadowing in odor recognition

Presenting Author: Yaxiong Cao

Yaxiong Cao: University of Auckland; Asifa Majid: University of Oxford; Norbert Vanek: University of Auckland

TR.35.04: Detecting event construal shifts in aspectual coercion

Presenting Author: Ugurcan Vurgun

Ugurcan Vurgun: University of Pennsylvania; Yue Ji: Beijing Institute of Technology; Anna Papafragou: University of Pennsylvania

15:45 - 16:00 TRANSITION BREAK

16:00 - 17:30 INVITED SYMPOSIUM 2

Rotterdam Hall **Dynamics Between the Minds**

Julia Fischer: German Primate Center; Lynn Perry: University of Miami; Henny Admoni: Carnegie Mellon University; Julian Jara-Ettinger: Yale University

16:00 - 17:30 SYMPOSIUM 7

Diamond I

S.07: Advances in the study of event cognition

Jeffrey M. Zacks: Washington University in Saint Louis; Dare Baldwin: University of Oregon; Sarah Hye-yeon Lee: University of Pennsylvania; Eva Wittenberg: Central European University

16:00 - 17:30 SYMPOSIUM 8

Diamond II

S.08: Dynamics of memory search

Abhilasha Kumar: Bowdoin College; Cynthia S.Q. Siew: National University of Singapore; Peter M. Todd: Indiana University, Bloomington; Yoed Kenett: Technion - Israel Institute of Technology

16:00 - 17:30 T.36: *Language Processing*

Mees I

T.36.01: Construal level theory: Testing the association of abstraction level and object distance with experimentally induced distances

Presenting Author: Karin M. Bausenhart

Karin M. Bausenhart: University of Tuebingen; Satu Kluvich: Eberhard Karls Universität ; Rolf Ulrich: University of Tübingen; Barbara Kaup: University of Tübingen

T.36.02: Participle-prepended nominals have lower entropy than nominals appended after the participle

Presenting Author: Kristie Denlinger

Kristie Denlinger: The University of Texas at Austin; Stephen Mark Wechsler: The University of Texas at Austin; Kyle Mahowald: The University of Texas at Austin

T.36.03: Attention allocation to deviants with intonational rises and falls: evidence from pupillometry

Presenting Author: Maria Lialiou

Maria Lialiou: University of Cologne; Jesse Harris: UCLA; Martine Grice: University of Cologne; Petra B. Schumacher: University of Cologne

T.36.04: Cue-based memory retrieval in garden-path sentences

Presenting Author: Hiroki Fujita

Hiroki Fujita: University of Potsdam; Shravan Vasishth: Potsdam

16:00 - 17:30 T.37: *Cognitive Development 5*

Leeuwen

T.37.01: Listening to a story or creating one: Children's performances and brain activity in storytelling-based learning

Presenting Author: Nina Besser Ilan

Nina Besser Ilan: Tel Aviv University; Hadas Shavit: Tel Aviv University; nofar kochavi: Tel Aviv University; Sagi Jaffe-Dax: Tel Aviv University

T.37.02: Early threads of connection: Probing infants' early understandings of caregiving relationships

Presenting Author: Christina Steele

Christina Steele: Harvard University; Megan Richardson: Harvard University; Azwayla Taylor: Harvard University ; Denis Tatone: Central European University; Ashley J Thomas: Harvard University

T.37.03: Show or Tell? Preschool-aged children adapt their communication to their partner's auditory access

Presenting Author: Aaron Chuey

Aaron Chuey: Stanford University; Catherine Qing: Stanford University; Rondeline M. Williams: Stanford University; Michael C. Frank: Stanford University; Hyowon Gweon: Stanford University

16:00 - 17:30 T.38: *Language Acquisiton 3*

Mees II

T.38.01: Twice upon a time: Children use syntactic bootstrapping to learn the meaning of yesterday and tomorrow

Presenting Author: Urvi Maheshwari

Urvi Maheshwari: University of California San Diego; David Barner: UC San Diego

T.38.02: The interpretation of ambiguous “They”: Children and adults pattern together

Presenting Author: Anissa Baird

Anissa Baird: University of Toronto; Emily Atkinson: University of Toronto Mississauga

T.38.03: Learning semantic knowledge based on infant real-time attention and parent in-situ speech

Presenting Author: Yayun Zhang

Jane Yang: University of Texas at Austin; Yayun Zhang: Max Planck Institute for Psycholinguistics; Chen Yu: University of Texas at Austin

T.38.04: Mark the unexpected! Animacy preference and motion marking in visual language

Presenting Author: Ana Krajinovic

Ana Krajinovic: Tilburg University; Irmak Hacımusaoglu: Tilburg University; Bruno Cardoso: Tilburg University; Neil Cohn: Tilburg University

16:00 - 17:30 T.39: *Language Comprehension 3*

Penn

T.39.01: A working memory model of sentence processing as binding morphemes to syntactic positions

Presenting Author: Maayan Keshev

Maayan Keshev: The Hebrew University of Jerusalem; Mandy Cartner: Tel Aviv University; Aya Meltzer-Asscher: Tel Aviv University; Brian Dillon: University of Massachusetts Amherst

T.39.02: Information locality in the processing of classifier-noun dependencies in mandarin chinese

Presenting Author: Hailin Hao

Hailin Hao: University of Southern California; Yang Yang: Guangdong University of Foreign Studies; Michael Hahn: Saarland University

T.39.03: Dissociating syntactic operations via composition count

Presenting Author: Kohei Kajikawa

Kohei Kajikawa: University of Tokyo; Ryo Yoshida: University of Tokyo; Yohei Oseki: University of Tokyo

T.39.04: Naturalistic reading time data support information locality

Presenting Author: Hailin Hao

Hailin Hao: University of Southern California; Himanshu Yadav: Indian Institute of Technology Kanpur; Elsi Kaiser: University of Southern California

16:00 - 17:30 T.40: Perception 2

J.F. Staal

T.40.01: Predicting graded dishabituation in a rational learning model using perceptual stimulus embeddings

Presenting Author: Gal Raz

Anjie Cao: Stanford ; Gal Raz: MIT; Rebecca Saxe: MIT; Michael C. Frank: Stanford University

T.40.02: Letter shapes phonology: Feature economy and informativeness in 43 writing systems

Presenting Author: Olivier Morin

Yoolim Kim: Wellesley College; Marc Allissonnière-Tang: CNRS; Helena Miton: Santa Fe Institute; Olivier Morin: PSL University

T.40.03: Is holistic processing associated with face scanning pattern and performance in face recognition? Evidence from deep neural network with hidden markov modeling

Presenting Author: Yueyuan Zheng

Wei Xing: University of Hong Kong; Yueyuan Zheng: University of Hong Kong; Antoni B. Chan: City University of Hong Kong; Janet Hsiao: Hong Kong University of Science & Technology

T.40.04: Effects of discrimination difficulty on peak shift and generalization

Presenting Author: Jessica C. Lee

Jessica C. Lee: University of Sydney; Tamara Cahyadi: Macquarie University; Peter Lovibond: University of New South Wales; René Schlegelmilch: University of Bremen

16:00 - 17:30 T.41: Reasoning 2

Van Walsum

T.41.01: Constitutive and contingent kinds: Relations between kind, form, and identity

Presenting Author: Alexander Noyes

Alexander Noyes: New York University; Katherine Ritchie: University of California, Irvine; Marjorie Rhodes: New York University

T.41.02: Symmetric bias in reasoning: Error analysis of indeterminate term series problems

Presenting Author: Takafumi Aoi

Takafumi Aoi: Japan Advanced Institute of Science and Technology; Shohei Hidaka: Japan Advanced Institute of Science and Technology

T.41.03: People use fast, goal-directed simulation to reason about novel games

Presenting Author: Katie Collins: MIT

Cedegao E Zhang: Massachusetts Institute of Technology; Katherine M Collins: University of Cambridge; Lionel Wong: Massachusetts Institute of Technology; Adrian Weller: University of Cambridge; Josh Tenenbaum: MIT

T.41.04: Individual and topic level differences in sensitivity to online consensus effects

Presenting Author: Manikya Alister

Manikya Alister: The University of Melbourne; Keith James Ransom: University of Adelaide; Saoirse Connor Desai: University of Sydney; Ee Von Soh: University of Melbourne; Brett Hayes: University of New South Wales; Andrew Perfors: University of Melbourne

16:00 - 17:30 T.42: Philosophy & Language Evolution

Goudriaan

T.42.01: Computational thought experiments for a more rigorous philosophy and science of the mind

Presenting Author: Iris Oved

Iris Oved: Independent Scholar; Nikhil Krishnaswamy: Colorado State University; James Pustejovsky: Brandeis University; Joshua K Hartshorne: Boston College

T.42.02: The visualizer's fallacy: Why aphantasia skepticism underestimates the dynamics of cognition

Presenting Author: Christian Oliver Scholz

Christian Oliver Scholz: Ruhr-Universität Bochum

T.42.03: Exploring the evolutionary dynamics of sound symbolism

Presenting Author: Chundra Cathcart

Chundra Cathcart: University of Zurich; Gerhard Jäger: Tübingen University

T.42.04: Simplifications made early in learning can reshape language complexity: An experimental test of the linguistic niche hypothesis

Presenting Author: Kenny Smith

Kenny Smith: University of Edinburgh

16:00 - 17:30 TR.43: Cognitive Neuroscience 2

Van der Veeken

TR.43.01: Multi-view time-frequency contrastive learning for emotion recognition

Presenting Author: Lei Wang

Lei Wang: Dalian University of Technology; Jianping Zhu: Dalian University of Technology; Bo Jin: DaLian University of Technology; XiaoPeng Wei: Dalian University of Technology

TR.43.02: How robust are fMRI and EEG data to alternative specifications in representational similarity analyses?

Presenting Author: Satwick Sen Sarma

Satwick Sen Sarma: Indian Institute of Technology Kanpur; Gouravmoy Boruah: Indian Institute of Technology Kanpur; Nisheeth Srivastava: Indian Institute of Technology

TR.43.03: It's how you teach, not what you teach: Preschoolers prefer coordinative instruction from informants

Presenting Author: Yingjia Wan

Yiqun Chen: Institute of Psychology; Liqi Zhu: Institute of Psychology; Yingjia Wan: Institute of Psychology, Chinese Academy of Sciences

17:30 - 17:45 TRANSITION BREAK**17:45 - 18:45 KEYNOTE**

Rotterdam Hall

Neural dynamics encode the structure and statistics of language

Andrea Martin: Max Planck Institute for Psycholinguistics, The Netherlands

SATURDAY, JULY 27, 2024

07:30 - 17:00 REGISTRATION DESK OPEN*Mercurius Hall***08:00 - 17:00 EXHIBITS OPEN***Shipping Hall*

08:00 - 08:30 Coffee available

08:30 - 09:00*Rotterdam Hall****A year in CSS: Conversation with Society President Anna Papafragou***

Join Society President, Anna Papafragou for a review of the past year in CSS and a conversation about the future. The conversation is scheduled for Saturday, July 27 at 8:30 am in the Rotterdam Hall.

09:00 - 10:00 KEYNOTE ADDRESS*Rotterdam Hall****Dynamics between minds******How higher cognition emerges from the dynamics of strongly interacting neural populations***

Gregor Schöner: Ruhr-University Bochum, Germany

10:00 - 10:30 REFRESHMENT BREAK*Shipping Hall***10:30 - 12:00 GLUSHKO TALKS***Rotterdam Hall****Causal induction in time***

Tianwei Gong: University of Edinburgh

The anticipation of events in time

Matthias Grabenhorst: Radboud University Nijmegen

A computational framework for emotion understanding

Sean Dae Houlihan: Massachusetts Institute of Technology

Investigating the neurobiology of language with artificial language systems

Shailee Jain: The University of Texas at Austin

Implicit compositional structure in the vector representations of artificial neural networks

Tom McCoy: Johns Hopkins University

Body perception and brain plasticity in blind and sighted individuals

Dominika Radziun: Karolinska Institutet

Neurocognitive considerations for engineering bionic limbs

Hunter Schone: University College London

10:30 - 12:00 SYMPOSIUM 9*Diamond I****S.09: Computational social cognition: Approaches and challenges***

Ismail Guennouni: University College London; Joseph M Barnby: Royal Holloway, University of London;
 Julian Jara-Ettinger: Yale University; Rebecca Saxe: MIT; Maarten Speekenbrink: University College London

10:30 - 12:00 T.44: Education

Penn

T.44.01: ECKT: Enhancing Code Knowledge Tracing via large language models

Presenting Author: Yang Yu

Yang Yu: East China Normal University; **Yingbo Zhou:** East China Normal University; **Yaokang Zhu:** Huawei company; **Yutong Ye:** East China Normal University; **Liangyu Chen:** East China Normal University; **Mingsong Chen:** East China Normal University

T.44.02: The impact of teachers' multimodal cues on students' L2 vocabulary learning in naturalistic classroom teaching

Presenting Author: Jing Zhou

Jing Zhou: Auckland University of Technology; **Yan Gu:** University of Essex

T.44.03: Distraction in math anxious individuals during math effort-based problem solving

Presenting Author: Mariel K. Barnett

Mariel Barnett: Case Western Reserve University; **Kyle LaFollette:** Case Western Reserve University; **Brooke N. Macnamara:** Case Western Reserve University

T.44.04: Modality matters: Evidence for the benefits of speech-based adaptive retrieval practice in learners with dyslexia

Presenting Author: Thomas Wilschut

Thomas Jan Wilschut: University of Groningen; **Florian Sense:** Infinite Tactics, LLC; **Hedderik van Rijn:** University of Groningen

10:30 - 12:00 T.45: Cognitive Development 6

Goudriaan

T.45.01: Infants track environmental volatility to optimize their learning

Presenting Author: Francesco Poli

Francesco Poli: University of Cambridge; **Tommaso Ghilardi:** Birkbeck University of London; **Jana H. M. Bersee:** University of Amsterdam; **Rogier B. Mars:** University of Oxford; **Sabine Hunnius:** Donders Institute

T.45.02: "Oh! Um... Sure": Children and adults use other's linguistic surprisal to reason about expectations and learn stereotypes

Presenting Author: Ben Morris

Ben Morris: University of Chicago; **Alex Shaw:** University of Chicago

T.45.03: Cognitive diversity in context: US-China differences in children's reasoning, visual attention, and social cognition

Presenting Author: Alexandra Carstensen

Alexandra Carstensen: Arizona State University; **Anjie Cao:** Stanford ; **Alvin Wei Ming Tan:** Stanford University; **Di Liu:** Johns Hopkins University; **Yichun Liu:** Fudan University; **Minh Khong Bui:** California State University, Fullerton; **Jiayi Wang-Zhao:** Harvard University; **Ai Nghi Diep:** Stanford University; **Qi Han:** Stanford University; **Michael C. Frank:** Stanford University; **Caren M. Walker:** University of California San Diego

T.45.04: Children and adults consider others' resources when inferring their emotions

Presenting Author: Tiffany Doan

Tiffany Doan: University of Toronto, Scarborough; **Yang Wu:** University of Toronto Scarborough

10:30 - 12:00 T.46: Perception 3

Leeuwen

T.46.01: The role of counterfactual visibility in inference about absence

Presenting Author: Matan Mazor

Matan Mazor: University of Oxford; Rani Moran: Queen Mary University of London; Clare Press: University College London

T.46.02: A formal model of intuitive theories of vision in congenitally blind and sighted adults

Presenting Author: Ziwen Wang

Ziwen Wang: Johns Hopkins University; Elizabeth Musz: Johns Hopkins University; Sophia Keil: Johns Hopkins University; Colin Wilson: Johns Hopkins University; Marina Bedny: Johns Hopkins University

T.46.03: The human visual system encodes multiple mutually exclusive categories of cause and effect interaction

Presenting Author: Jonathan F. Kominsky

Jonathan F. Kominsky: Central European University; Katharina Wenig: Central European University

T.46.04: Using Gibbs sampling with people to characterize perceptual and aesthetic evaluations in multidimensional visual stimulus space

Presenting Author: Eline Van Geert

Eline Van Geert: KU Leuven; Nori Jacoby: Max Planck Institute for Empirical Aesthetics

10:30 - 12:00 T.47: Artificial Intelligence 2

Diamond II

T.47.01: Can generative multimodal models count to ten?

Presenting Author: Sunayana Rane

Sunayana Rane: Princeton University; Alexander Ku: Google DeepMind; Jason Baldridge: Google; Ian Tenney: Google Research; Tom Griffiths: Princeton University; Been Kim: Google

T.47.02: Advancing the (Elite) Grandmasters: AI's role in enhancing chess expertise

Presenting Author: Merim Bilalic

Merim Bilalic: Northumbria University at Newcastle; Nemanja Vaci: University of Sheffield

T.47.03: Are autonomous vehicles blamed differently?

Presenting Author: Darko Stojilović

Darko Stojilović: University College London; Matija Franklin: University College London; Bertram F. Malle: Brown University; Carlos Fernandez-Basso: University College London; Edmond Awad: University of Exeter; David Lagnado: University College London

T.47.04: Self-supervised learning of video representations from a child's perspective

Presenting Author: Brenden Lake

Emin Orhan: New York University; Wentao Wang: New York University; Alex N Wang: New York University; Mengye Ren: New York University; Brenden Lake: NYU

10:30 - 12:00 T.48: Bayesian Modeling

Mees I

T.48.01: Reasoning about (In)dependent evidence: A mismatch between perceiving and incorporating dependencies?

Presenting Author: Laura Elaine Strittmatter

Laura Elaine Strittmatter: ETH Zurich; Toby D Pilditch: University of Oxford; David Lagnado: UCL

T.48.02: Rational polarization: Sharing only one's best evidence can lead to group polarization

Presenting Author: Leon Assaad

Leon Assaad: Ludwig-Maximilians-Universität München; Ulrike Hahn: Birkbeck, University of London

T.48.03: A rational trade-off between the costs and benefits of automatic and controlled processing

Presenting Author: Maximilian Mittenbühler

Maximilian Mittenbühler: University of Tuebingen; Sarah Schwöbel: TUD Dresden University of Technology; David Dignath: University of Tuebingen; Stefan Kiebel: TUD Dresden University of Technology; Martin V. Butz: University of Tuebingen

T.48.04: A new posterior probability-based measure of coherence

Presenting Author: Borut Trpin

Stephan Hartmann: LMU Munich; Borut Trpin: LMU Munich

10:30 - 12:00 T.49: Emotion

Mees II

T.49.01: Metaphors in music performance: from semantics and motor performance to expressive communication

Presenting Author: Tessa Verhoef

Rebecca Schaefer: Leiden University; Tessa Verhoef: Leiden University

T.49.03: The effects of stress and anxiety in technology-based learning environments

Presenting Author: Maliha Naushad Mian

Maliha Naushad Mian Ms: University of New South Wales; Gelareh Mohammadi: UNSW; Nadine Marcus: University of New South Wales

10:30 - 12:00 T.50: Morality

J.F. Staal

T.50.02: Understanding rule enforcement using drift diffusion models

Presenting Author: Neele Engelmann

Neele Engelmann: Max Planck Institute for Human Development; Ivar R Hannikainen: University of Granada; Carlos González-García: University of Granada; María Ruz: University of Granada

T.50.03: A coherence-based approach to moral trade-offs

Presenting Author: Aidan Runagall-McNaull

Aidan Runagall-McNaull: University of Melbourne; Yoshihisa Kashima: University of Melbourne; Simon Laham: University of Melbourne

T.50.04: Attribution of responsibility between agents in a causal chain of events

Presenting Author: Vanessa Cheung

Vanessa Cheung: University College London; Mengxuan Helen Qiao: University College London; David Lagnado: University College London

10:30 - 12:00 T.51: Decision Making 4*Van Walsum***T.51.01: Introducing the extinction gambling task***Presenting Author: Maximilian Maier***Maximilian Maier:** University College London; **Adam Harris:** University College London; **David Kellen:** Syracuse University; **Henrik Singmann:** UCL**T.51.02: Combining individuating and context-general cues in lie detection***Presenting Author: David Peebles***David Peebles:** University of Huddersfield; **Chris Street:** Keele University**T.51.03: A rational model of innovation by recombination***Presenting Author: Bonan Zhao***Bonan Zhao:** Princeton University; **Natalia Vélez:** Princeton University; **Tom Griffiths:** Princeton University**10:30 - 12:00 TR.52: Cognitive Development 7***Van der Veeken***TR.52.01: 'Five' is the number of bunnies and hats: Children's understanding of cardinal extension and exact number***Presenting Author: Khuyen N. Le***Khuyen N. Le:** University of California, San Diego; **Christine Kwon:** University of California, San Diego; **Mincong Wu:** University of California, San Diego; **David Barner:** University of California, San Diego**TR.52.02: Children's expectations about epistemic change***Presenting Author: Mack Briscoe***Mack Briscoe:** Harvard University; **Rui Zhang:** Yale University; **Julian Jara-Ettinger:** Yale University**TR.52.03: An investigation of children's reasoning about data transfers***Presenting Author: Breanna Amoyaw***Breanna Amoyaw:** University of Manitoba; **Shaylene E Nancekivell:** University of Manitoba**TR.52.04: Learning expectations shape initial cognitive control allocation***Presenting Author: Javier Alejandro Masis***Javier Alejandro Masis:** Princeton University; **Sebastian Musslick:** Brown University; **Jonathan Cohen:** Princeton University**12:00 - 13:00 LUNCH ON OWN****13:00 - 15:00 POSTER SESSION***Shipping & Exchange Hall*
14:30 - 15:00 Coffee available in Poster Session**15:00 - 16:30 INVITED SYMPOSIUM 3**
Rotterdam Hall
Dynamics within minds**Ping Li:** Hong Kong Polytechnic University; **Shinji Nishimoto:** Osaka University; **Andrea Kiesel:** University of Freiburg

15:00 - 16:30 SYMPOSIUM 10*Diamond I***S.10: The fundamental flexibility of abstract words**

Joanna Rączaszek-Leonardi: University of Warsaw; **Anna Borghi:** Sapienza University of Rome; **Dedre Gentner:** Northwestern University; **Luca Tummolini:** National Research Council of Italy; **Nick Chater:** University of Warwick

15:00 - 16:30 SYMPOSIUM 11*Diamond II***S.11: Towards a movement science of communication**

Šárka Kadavá: Leibniz Center General Linguistics; **Lara Pearson:** Max Planck Institute for Empirical Aesthetics; **James Trujillo:** University of Amsterdam; **Wim Pouw:** Radboud University

15:00 - 16:30 T.53: Social Cognition 4*Goudriaan***T.53.01: Do attentional focus and partner gaze impact interpersonal coordination?**

Presenting Author: Margaret Macpherson

Margaret Catherine Macpherson: Macquarie University; **Amber Jade Brown:** University of Western Australia; **Lynden K. Miles:** University of Western Australia

T.53.02: Distributed statistical inference in social interaction networks

Presenting Author: Yuliya Zubak

Yuliya Zubak: University of Wisconsin-Madison; **Pranav Dronavalli:** University of Wisconsin - Madison; **Yun-Shiuan Chuang:** University of Wisconsin-Madison; **Robert Hawkins:** University of Wisconsin-Madison

T.53.03: Adaptation to speakers is modulated by working memory updating and theory of mind -- a study investigating humor comprehension

Presenting Author: Vera Demberg

Jia Loy: Saarland University; **Vera Demberg:** Saarland University

T.53.04: The effect of diversity on group decision-making

Presenting Author: Georgi Karadzhov

Georgi Milev Karadzhov: University of Cambridge; **Andreas Vlachos:** University of Cambridge; **Tom Stafford:** University of Sheffield

15:00 - 16:30 T.54: Language Acquisition 4*Mees II***T.54.01: Modeling vocabulary growth in autistic and non-autistic children**

Presenting Author: Christopher R. Cox

Eileen Haebig: Louisiana State University; **Stan West:** Louisiana State University ; **Christopher R Cox:** Louisiana State University

T.54.02: Are the most frequent words the most useful? Investigating core vocabulary in reading

Presenting Author: Andrew Wang

Andrew Wang: The University of Melbourne; **Simon De Deyne:** University of Melbourne; **Meredith McKague:** University of Melbourne; **Andrew Perfors:** University of Melbourne

T.54.03: Predicting ages of acquisition for children's early vocabulary across 27 languages and dialects

Presenting Author: Alvin Wei Ming Tan

Alvin Wei Ming Tan: Stanford University; **Georgia Loukatou:** Stanford University; **Mika Braginsky:** Stanford University; **Jess Mankewitz:** University of Wisconsin - Madison; **Michael C. Frank:** Stanford University

T.54.04: How should we represent bilingual vocabulary knowledge?

Presenting Author: Jennifer Weber

Jennifer Weber: University of Colorado, Boulder; **Pui Fong Kan:** University of Colorado Boulder; **Eliana Colunga:** University of Colorado Boulder

15:00 - 16:30 T.55: Language Production 2

Penn

T.55.01: Even laypeople use legalese

Presenting Author: Eric Martínez

Eric Martínez: Massachusetts Institute of Technology; **Francis Mollica:** University of Melbourne; **Edward Gibson:** Massachusetts Institute of Technology

T.55.02: Publish or perish: Simulating the impact of publication policies on science

Presenting Author: Marina Mancoridis

Marina Mancoridis: Princeton University; **Ted Sumers:** Princeton University; **Tom Griffiths:** Princeton University

T.55.03: Biological males' and 'trans(gender) women': Social considerations in the production of referring expressions

Presenting Author: Brandon Papineau

Brandon Papineau: Stanford University; **Judith Degen:** Stanford University

T.55.04: Long absent, NOT soon forgotten: Prosodic marking of information status in Chinese Sign Language

Presenting Author: Yan Gu

Hao Lin: Shanghai International Studies University; **Yi Jiang:** Shanghai International Studies University; **Yan Gu:** University of Essex

15:00 - 16:30 T.56: Large Language Models 2

Mees I

T.56.01: Relative value biases in large language models

Presenting Author: William M. Hayes

William M Hayes: Binghamton University; **Nicolas Yax:** École normale supérieure; **Stefano Palminteri:** École normale supérieure

T.56.02: Recovering mental representations from large language models with markov chain monte carlo

Presenting Author: Jian-Qiao Zhu

Jian-Qiao Zhu: Princeton University; **Haijiang Yan:** University of Warwick; **Tom Griffiths:** Princeton University

T.56.03: Do large language models solve ARC visual analogies like people do?

Presenting Author: Gustaw Opięka

Gustaw Opięka: University of Amsterdam; **Hannes Rosenbusch:** University of Amsterdam; **Veerle P Vijverberg:** University of Amsterdam; **Claire Stevenson:** University of Amsterdam

T.56.04: Evidence against syntactic encapsulation in large language models

Presenting Author: Thomas McGee

Thomas A. McGee: University of California, Los Angeles; Idan A Blank: University of California, Los Angeles

15:00 - 16:30 T.57: Event Processing 2

Leeuwen

T.57.01: Labeling behaviors are associated with the identification of emotion events

Presenting Author: Zhimeng Li

Zhimeng Li: Yale University; Maria T Gendron: Yale University

T.57.02: Visual perception supports 4-place event representations: A case study of TRADING

Presenting Author: Ekaterina Khlystova

Ekaterina Khlystova: University of California, Los Angeles; Alexander Williams: University of Maryland; Jeffrey Lidz: University of Maryland; Laurel Perkins: University of California Los Angeles

T.57.03: Remembered futures and anticipated pasts: The recursive grammar of mental time travel

Presenting Author: Jonathan Redshaw

Jonathan Redshaw: University of Queensland

T.57.04: False memories of actions: When motor simulation is Deceptive

Presenting Author: Francesco Iani

Teresa Limata: University of Turin; Mara Stockner: Sapienza University of Rome; Danilo Mitaritonna: "Sapienza" University of Rome; Giuliana Mazzoni: Sapienza University of Rome; Monica Bucciarelli: Università di Torino; Francesco Iani: University of Torino

15:00 - 16:30 T.58: Computational Neuroscience

J.F. Staal

T.58.02: Unveiling the synergistic effects: A unified autonomous synaptic development mechanism for reservoir computing

Presenting Author: Zhihao Zuo

Zhihao Zuo: Fudan University; Zhongxue Gan: Fudan University

T.58.03: Get more from less: Differential neural decoding for effective reconstruction of perceived naturalistic stimuli from limited and noisy training data

Presenting Author: Thirza Dado

Thirza Dado: Radboud University; Umut Güçlü: Radboud University

T.58.04: Effects of distributional and sensorimotor distance measures on the EEG during property verification

Presenting Author: Harshada Vinaya

Harshada Vinaya: University of California San Diego; Sean Trott: UC San Diego; Diane Pecher: Erasmus University; Rene Zeelenberg: Erasmus University; Seana Coulson: UC San Diego

15:00 - 16:30 T.59: Spatial Cognition

Van Walsum

T.59.01: Identifying cognitive processes and neural substrates of spatial transformation in a mental folding task with cognitive modeling

Presenting Author: Kai Preuss

Kai Preuss: Technische Universität Berlin; Christopher Hilton: Technische Universität Berlin; Klaus Gramann: Technische Universität Berlin; Nele Russwinkel: Universität zu Lübeck

T.59.03: Multidimensional spatial memory: One action, two reference frames

Presenting Author: Benjamin Pitt

Benjamin Pitt: Institute for Advanced Study in Toulouse

T.59.04: VSA4VQA: Scaling A Vector Symbolic Architecture To Visual Question Answering on natural images

Presenting Author: Anna Penzkofer

Anna Penzkofer: University of Stuttgart; Lei Shi: University of Stuttgart; Andreas Bulling: University of Stuttgart

15:00 - 16:30 T.60: Memory 2

Van der Veeken

T.60.01: Model-based characterization of forgetting in children and across the lifespan

Presenting Author: Anais Capik

Anais Capik: University of Washington ; holly hake: University of Washington; Bahar Sener: University of Washington; Ariel Starr: University of Washington; Andrea Stocco: University of Washington

T.60.02: Valence-based memory prioritization as a mechanism of spontaneous recovery after extinction

Presenting Author: Isabel Berwian

Isabel Berwian: Princeton University; Sashank Pisupati PhD: Limbic Ltd; Jamie Chin Chiu: Princeton University; Yongjing Ren: Rutgers University; Yael Niv: Princeton University

T.60.04: How does assembling an object affect memory for it?

Presenting Author: William Patrick McCarthy

William P McCarthy: University of California, San Diego; Sean P Anderson: Stanford University; Judith E. Fan: Stanford University

16:30 - 16:45 TRANSITION BREAK**16:45 - 17:00 CLOSING & THANK YOU**

Rotterdam Hall

WORKSHOPS

The CogSci 2024 Program includes a series of workshops, scheduled to take place on **Wednesday, July 24, 2024**. These pre-conference sessions are optional to attend and there is a \$40 registration fee for each workshop. **Pre-registration is required.**

WORKSHOP 6

08:00 - 12:00 *Career paths beyond the tenure track for cognitive scientists*

Goudriaan I & II

Organizers and Presenters: Vanessa Simmering: Doctrina Consulting, LLC; Carissa L Shafto: Brightfield Strategies, LLC

Cognitive science research has far-reaching implications, but many graduate students are trained solely for tenure-track faculty positions. Academic training develops a wide range of skills in behavioral research, literature reviewing, data analysis, scientific publishing, grant writing, teaching, and student mentorship. These skills have direct application in many other careers, but training within academia typically neglects to address how these skills translate to other work environments and career paths. As growth in the number of doctoral trainees continues to outpace permanent academic positions (Kolata, 2016; Larson et al., 2013; Lederman, 2016), more doctoral recipients have been seeking employment beyond faculty positions and academia (National Science Board, 2018). Those who are interested in exploring alternative career paths may not know where to turn for guidance. Our goal in this professional development workshop is to offer such guidance and an opportunity to network with scholars in similar situations.

WORKSHOP 1

08:30 - 17:00 *In-context learning in natural and artificial intelligence*

Diamond II

Organizers and Presenters: Akshay Kumar Jagadish: Helmholtz Munich; Ishita Dasgupta: Google DeepMind; Jacques Pesnot Lerousseau: Institut for Communication, Language and the Brain; Marcel Binz: Helmholtz Munich

In-context learning refers to the ability of a neural network to learn from information presented in its context. While traditional learning in neural networks requires adjusting network weights for every new task, in-context learning operates purely by updating internal activations without needing any updates to network weights. The emergence of this ability in large language models has led to a paradigm shift in machine learning and has forced researchers to reconceptualize how they think about learning in neural networks. Looking beyond language models, we can find in-context learning in many computational models relevant to cognitive science, including those that emerge from meta-learning.

WORKSHOP 2

- 08:30 - 17:00 **Coggraph: Building bridges between cognitive science and computer graphics**
Leeuwen I & II

Organizers and Presenters: Kartik Chandra, MIT; Anne H K Harrington: Massachusetts Institute of Technology; Katherine M Collins: MIT; Christopher Kymn: UC Berkeley; Kushin Mukherjee: University of Wisconsin-Madison; Sean P Anderson: Stanford University; Arnav Verma: University of Toronto; Judith E. Fan: Stanford University

In recent years, the field of computer graphics has achieved its longstanding dream of photorealism: modern graphics algorithms produce images that are indistinguishable from reality. Much like art at the advent of photography, then, computer graphics is now turning its gaze to the beholder: researchers are increasingly looking to cognitive science to engineer new modes of visual expression. Recent work has sought to apply insights from cognitive science to a variety of traditional graphics topics: from taking a perceptual approach to perspective, to studying the theory of mind behind animation, to applying theories of abstraction learning to build tools for geometry processing.

At the same time, a wave of recent work in cognitive science has addressed fundamental questions about visual expression: for example, how humans understand and create sketches, shapes, and symbols. The field has also benefited greatly from tools and methods from computer graphics: differentiable rendering, physics simulation, and game engines have become indispensable in modeling human perception and intuitive physics. Recognizing this growing interdisciplinary exchange of ideas, we are proposing a workshop to begin building formal bridges between the cognitive science and computer graphics communities.

WORKSHOP 3

- 08:30 - 17:00 **Compositionality in minds, brains and machines: A unifying goal that cuts across cognitive sciences**
Mees I & II

Organizers and Presenters: Barbara Pomiechowska: University of Birmingham; Rachel Dudley: Central European University; Lionel Wong: Massachusetts Institute of Technology; Mathias Sablé-Meyer

Compositionality, or the ability to build complex representations from discrete elements, is an essential ingredient of human intelligence. Compositionality enables people to think productively, learn fast from limited experience, and generalize knowledge to new contexts without re-learning from scratch. It is also essential in information processing systems to efficiently represent structured data and has seen application in compression and symbolic Artificial Intelligence (AI). Historically, the notion of compositionality played a central role in linguistic theory and philosophy of mind. More recently, it is attracting a surge of interest throughout the domains of cognitive science. Compositional processes are leveraged for elucidating the nature of mental representations in cognition (Dehaene et al., 2022), understanding the functional organisation of the brain (Agrawal et al., 2019), or building Artificial Intelligence systems that are robust to changes in the environment (Hupkes et al., 2020).

WORKSHOP 5

08:30 - 17:00 **Improving concepts in cognitive science**

Diamond I

Organizers and Presenters: **Marina Dubova**: Indiana University Bloomington; **Lisa Feldman Barrett**: Northeastern University; **Robert Goldstone**: Indiana University; **Sebastian Musslick**: University of Osnabrück; **Russell Poldrack**: Stanford University

Like any science, cognitive science rests upon a set of conceptual foundations. Traditionally, cognition has been compartmentalized into distinct processes such as perception, memory, attention, emotion, cognitive control, language, and others. Further, the disciplines studying these different constructs have developed their own conceptual systems. For example, emotion science studies anger, fear, and happiness, whereas memory research has articulated varieties such as long-term, short-term, working, and episodic memory. These conceptual systems serve as key scientific tools, influencing processes from the development of new measurement instruments and deciding on which experiments to conduct to developing new theories and communicating results (Feest, 2010; Dubova & Goldstone, 2023). Although critically important for scientific progress, these concepts, often stemming from the folk taxonomies or the perspectives of early visionaries, have not always been subjected to rigorous scrutiny. To address these issues, cognitive scientists are beginning to critically re-evaluate and possibly reframe the conceptual underpinnings of cognitive disciplines (e.g. Cisek, 2019; Poldrack et al., 2011; Musslick et al., 2020), yet such efforts often lack strategic direction and widely diverge in their methodological ways of approaching the task.

WORKSHOP 4

13:00 - 17:00 **Rapprochement, not detente: How cognitive science and industry**

Goudriaan I & II **can get back to getting along, and make each other better along the way**

Organizers and Presenters: **David Landy**: Netflix; **Robert Glushko**: University of California, Berkeley

We have a simple thesis: the relationship between academic and industry-based cognitive science is broken, but can be fixed. Over the last few decades, there has been a huge increase in the representation of cognitive science in industry. Beyond just machine learning, businesses are increasingly interested in human behavior and cognitive processes. Large proportions of our Ph.D. students, post-docs, and even faculty choose to go through a largely one-way door to corporate jobs in data science, behavioral experimentation, machine learning, user experience, and elsewhere. Currently, people who choose industry careers often lose their social and intellectual networks and their ability to return to tenure-track positions, and valuable insights from industry about memory, decision-making, learning, emotion, distributed cognition, and much more never return to the academic community. We believe that deep, theory driven, theory building work is being done in industry settings--and that the rift between the communities is making our scientific work less effective than it could be.

WORKSHOP 7

13:00 - 17:00 **Using psychometrics to improve cognitive models-and theory**

Penn I & II Organizers and Presenters: **Alvin Wei Ming Tan**: Stanford University; **George Kachergis**: Stanford University; **Michael C. Frank**: Stanford University

The field of psychometrics has undergone substantial evolution over the past several decades, both in terms of advances in methodology and improved software and hardware for deploying new methods. Despite these strides, many of these developments have not been integrated into the broader field of psychology, as highlighted by Embretson (2005) and Borsboom (2006). Understanding and incorporating these psychometric advances is crucial to enable cognitive scientists to address growing concerns about validity and reliability, as well as to develop robust theoretical frameworks for understanding cognition.



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COGSCI SPECIAL EVENTS

AFFINITY GROUP:

Asia-Pacific Cognitive Science Group –

WEDNESDAY, JULY 24 5:30-6:30PM

LEEUWEN ROOM

Group Leaders: Janet Hsiao, Hong Kong University of Science and Technology; Antoni Chan, City University of Hong Kong; Byoung-kyong Min, Korea University; Seong Bae Lim, St. Mary's University; Junya Morita, Shizuoka University; Mutsumi Imai, Keio University; Charles Kemp, University of Melbourne

This affinity group is initiated by members of the International Association for Cognitive Science, Japanese Cognitive Science Society, Korean Society for Cognitive Science, and cognitive science researchers in Hong Kong and Australia. We seek to engage cognitive science researchers and societies in the Asian-Pacific region at CogSci 2024. Through this affinity group, we aim to provide networking opportunities to strengthen research exchange and collaboration, to share experience in community building, to promote cognitive science research in the region, and to provide mentorship opportunities to young cognitive scientists or those who are interested in pursuing cognitive science research. We also aim to initiate regular meetings or other forms of research exchange in the future to take advantage of the geographical closeness.

DISCUSSION GROUPS:

AI and cognition: Transformative tool or disruptive force?

WEDNESDAY, JULY 24 5:30-6:30PM

MEES ROOM

Natalia Postnova and Evgenii Rudakov, University of Helsinki

Join our discussion group as we explore the dynamics of how human cognition interacts with AI, focusing on ChatGPT-like services. Our discussions will examine both the facilitative and disruptive roles of AI in learning and creativity.

Generative AI, such as ChatGPT, is becoming increasingly prominent in academic and professional environments, providing tools for automation, writing, and coding assistance. While these tools offer significant benefits, concerns are growing about their impact on our ability to acquire and develop skills and knowledge. Recent research indicates that AI can both support the acquisition of new skills and disrupt traditional learning processes.

Our aim is to bring together researchers with diverse perspectives to discuss these key questions:

Under what conditions is AI an effective tool for facilitating learning?

What are the potential pitfalls where AI disrupts learning and hinders skill development?

We would be especially happy to have participants with relevant experience who are ready to share their insights during the discussion. Regardless of your experience or expertise on the topic, you are most welcome to join, learn, and discuss.

Can robots dream?

WEDNESDAY, JULY 24 5:30-6:30PM

PENN ROOM

Grace Roessling and Adan Gomez: *Cognitive Science Department, Rensselaer Polytechnic Institute*

The human mind is an information processing system that reveals irreducible complexity and emergent properties – including the phenomena of dreams. Dreams are flows of subjective experience during REM sleep that exhibit highly random and generative content that differ greatly from wakeful consciousness. Various theories attempt to capture the biological function of dreams, including offline memory processing, emotional regulation, and learning.

We posit that computationally replicating the essential features of dreams may reveal insights into the cognitive/neural mechanisms that give rise to dreaming — as well as consciousness and intelligence. We are interested in leading a guided discussion that explores the following: (1) the application of an information-theoretic perspective to the causes and effects of dreams; and (2) the process of developing an artificial intelligence that is able to dream.

Open encyclopedia of cognitive science

THURSDAY, JULY 25 12:15-1:15PM

PENN ROOM

Philip Laughlin, *The MIT Press*; **Asifa Majid,** *Oxford University*; **Michael C. Frank,** *Stanford University*

This discussion group will be an open-ended conversation/question & answer session about a new open access publication that has been in development at The MIT Press for the past two and half years: the Open Encyclopedia of Cognitive Science (OECS). We hope to solicit input from the cognitive science community about topics they would like to see in the OECS. We are also hoping to recruit authors who are interested in contributing to it. And, of course, we will be happy to answer any questions that the cognitive science community might have about this project.

FUNDING DISCUSSION:

FRIDAY, JULY 26TH, 2024 12:15PM – 1:15 PM
MEES I

Getting funding to do cognitive science and education research

Organisers & Presenters: **Gregg E. A. Solomon**, US National Science Foundation; **Betty Tuller**, US National Science Foundation; **Soo-Siang Lim**, US National Science Foundation; **Lara Faust**, US Department of Education; **Sonia Guerriero**, UNESCO; **Janka Matrai**, European Research Council

In this session, representatives from IES, NSF, UNESCO, and ERC will discuss intellectual, sociological, and practical issues that arise in doing research in Cognitive Science, Education, and at their intersection. Some of these issues are due generally to the multidisciplinary nature of the work, but others are specific to education. The mobilization of research knowledge and human capital for translation to practice and policy remains a significant challenge that each of these agencies seeks to address. The speakers will highlight relevant initiatives and point to similarities and differences in the grant review processes between programs, providing tips for successful grant writing along the way. They will discuss where their programs are placed in relation to one another in the funding landscape and along the continuum from the most basic to the most applied research – and the extent that such a distinction is meaningful. They will also contrast their funding emphases and the implications those emphases have for the kinds of projects that can be engaged.

INVITED SYMPOSIUM SPEAKERS

THURSDAY, JULY 25, 2024 14:15-15:45

ROTTERDAM HALL

Dynamics between minds and the environment

Kenji Doya, Okinawa Institute of Science and Technology Graduate University

Alex Clarke, University of Cambridge

Willem Frankenhuys, Utrecht University

Minds interact with the environment across multiple time scales. Cognition in the moment requires dynamic adjustment of sensory and motor processes in response to changing environmental input: we update our visual attention, recalculate the strength of our grasp, and navigate new landscapes. Cognition is also sensitive to the pattern of our experiences over weeks to months, as we explore and build memories. We accumulate information about our environments throughout life, with early experiences playing an especially formative role in our beliefs about the stability of our resources and relationships.

FRIDAY, JULY 26, 2024 16:00-17:30

ROTTERDAM HALL

Dynamics between the minds

Julia Fischer, German Primate Center

Lynn Perry, University of Miami

Henry Admoni, Carnegie Mellon University

Julian Jara-Ettinger, Yale University

Real-world cognition is affected by ever-present interactions with other agents. The mind dynamically adjusts according to observations about other agents, such as of their behavior, actions, and sentiment, as well as to inferences about their hidden states, such as their goals, intentions, and trustworthiness. This symposium highlights the processes that enable this flexible adjustment across multiple timescales of cognition.

SATURDAY, JULY 27, 2024 15:00-16:30

ROTTERDAM HALL

Dynamics within the mind

Ping Li, Hong Kong Polytechnic University

Shinji Nishimoto, Osaka University

Andrea Kiesel, University of Freiburg

Cognition requires the cooperation and coordination of multiple representations across the mind and brain. These interactions must be tailored to allow for the vast range of task-specific transformations that involve overlapping sets of inputs, outputs, and internal states. This symposium explores the processes that allow dynamic interactions between systems to enable flexible computation that can subserve changing demands.

SYMPOSIA

SYMPOSIUM 1

Is deep learning the answer for understanding human cognitive dynamics?

THURSDAY, JULY 25 10:30 - 12:00

DIAMOND I

Speakers and Authors: **Brenden Lake:** NYU; **Raul Grieben:** Ruhr-Universität Bochum; **Mariya Toneva:** Max Planck Institute for Software Systems; **Gina Kuperberg:** Tufts University

Deep Learning is a neural network approach where a network of multiple layers is trained to process complex data. Applications for deep learning include recognizing complex patterns in pictures, text, and sounds to, in some cases, produce insights into how human process information. Deep learning has garnered widespread interest, fostered by advances in, for instance, natural language processing and the release of innovative tools like Chat GPT. But does deep learning have implications for theory in the cognitive sciences; that is, is deep learning the answer for understanding human cognitive dynamics?

SYMPOSIUM 2

Who is responsible for collective action?

THURSDAY, JULY 25 10:30 - 12:00

DIAMOND II

Speakers: **Lionel Wong:** Massachusetts Institute of Technology; **Casey Lewry:** Princeton University; **Sofia Bonicalzi:** Roma Tre University; **Tobias Gerstenberg:** Stanford University

Authors: **Casey Lewry:** Princeton University; **Tania Lombrozo:** Princeton University; **Shannon Wing:** Massachusetts Institute of Technology; **Sydney Levine:** Allen Institute for AI; **Josh Tenenbaum:** MIT; **Lionel Wong:** Massachusetts Institute of Technology; **Sofia Bonicalzi:** Roma Tre University; **Tobias Gerstenberg:** Stanford University

Reducing inequality, mitigating climate change, and responding to public health crises are large-scale goals that require the cooperation and coordination of many individuals. These goals cannot be achieved by one individual alone, and contributing is not always beneficial to each individual. And yet, individuals must contribute in order to make a difference. How do we hold individuals and groups responsible for collective action?

SYMPOSIUM 3***Higher cognition in large language models*****THURSDAY, JULY 25 14:15 - 15:45****DIAMOND I**

Speakers and Authors: **Nicholas Ichien**: University of Pennsylvania; **Sudeep Bhatia**: University of Pennsylvania; **Anna Ivanova**: Georgia Institute of Technology; **Taylor Webb**: University of California: Los Angeles; **Tom Griffiths**: Princeton University ; **Marcel Binz**: Helmholtz Computational Health Center

Large language models (LLMs) like OpenAI's GPT-4 (OpenAI et al., 2023), or Google's PaLM (Chowdhery et al., 2022) generate text responses to user-generated text prompts. In contrast to work that evaluates the extent to which model-generated text coheres with linguistic rules (i.e., formal competence) (Chomsky et al., 2023; Piantadosi, 2023), the present symposium discusses the work of cognitive scientists aimed at assessing the extent and manner in which LLMs show effective understanding, reasoning and decision making, capacities associated with human higher cognition (i.e., functional competence) (Binz & Schulz, 2023; Mahowald et al., 2023; Webb et al., 2023). Given both their expertise and their interest in clarifying the nature of human thinking, cognitive scientists are in a unique position both to carefully evaluate LLMs' capacity for thought (Bhatia, 2023; Han et al., 2024; Mitchell, 2023) and to benefit from them as methodological and theoretical tools. This symposium will thus be of interest not only to cognitive scientists concerned with machine intelligence, but also to those looking to incorporate advances in artificial intelligence with their study of human intelligence.

SYMPOSIUM 4***How does the sensory-motor brain integrate and give rise to cognition and learning?*****FRIDAY, JULY 26 10:30 - 12:00****DIAMOND I**

Speakers: **Iliyana Trifonova**: University of East Anglia; **Jason A. Shaw**: Yale University; **Aaron Buss**: University of Tennessee; **Jelmer Borst**: University of Groningen

Authors: **Gregor Schöner**: Ruhr-Universität Bochum; **Iliyana Trifonova**: University of East Anglia; **John Spencer**: University of East Anglia; **Maria M Piñango**: Yale University; **Jason A. Shaw**: Yale University; **Michael C. Stern**: Yale University; **Aaron Buss**: University of Tennessee; **Larissa K Samuelson**: University of East Anglia; **Jelmer Borst**: University of Groningen

The brain evolved as a sensory-motor machine that drives behavior while being linked to the world through sensors. Human cognition abstracts from these sensory-motor roots but retains intimate ties. The brain's structure reflects this history. How do neural processes at different distances from the sensory and motor surfaces integrate to achieve meaningful and grounded cognition? This is a challenge given the time-continuous and graded nature of sensory-motor processing, which enables continuous online updating. It is also a major challenge to understanding development and autonomous learning, in which the coupling across functional boundaries evolves under the influence of online activation patterns.

SYMPOSIUM 5***What should I do now? Goal-centric outlooks on learning, exploration, and communication*****FRIDAY, JULY 26 14:15 - 15:45****DIAMOND I**

Speakers: **Cédric Colas: MIT; Junyi Chu: Harvard University; Gaia Molinaro: University of California: Berkeley; Robert Hawkins: University of Wisconsin-Madison**

Authors: **Cédric Colas: MIT; Junyi Chu: Harvard University; Gaia Molinaro: University of California: Berkeley; Robert Hawkins: University of Wisconsin-Madison**

Goals are a central pillar of everyday mental activity. From finding your way home to solving a puzzle and ordering food delivery, much of human action and cognition is goal-directed. Perhaps unsurprisingly, theories of goals are a central focus in the psychology of motivation (Elliott & Dweck, 1988), in social and personality psychology (Fishbach & Ferguson, 2007), as well as research aimed at understanding factors contributing to task achievement in educational and industrial settings (Ames & Ames, 1984; Locke & Latham, 2002). In this symposium, we highlight recent work emphasizing a goal-centric outlook on learning, exploration, and communication.

SYMPOSIUM 6***From fungi to thought: Exploring cognition in mushroom foraging*****FRIDAY, JULY 26 14:15 - 15:45****DIAMOND II**

Speakers: **Aliko Papa: University of Bergen; Andrea Bender: University of Bergen; Matteo Colombo: Tilburg University; Roman Abel: Ruhr University Bochum; Roope Kaaronen: University of Helsinki**

Authors: **Aliko Papa: University of Bergen; Andrea Bender: University of Bergen; Matteo Colombo: Tilburg University; Akiko Sawada: Kyoto University; Roman Abel: Ruhr University Bochum; Roope Kaaronen: University of Helsinki**

Tracing the evolutionary milestones of our species has been the focus of much exciting research. Yet, we are still unable to ‘locate’ the divergence point of our cognitive evolution, which has made us so unique in the animal kingdom (Tomasello & Rakoczy, 2003). We have identified a gap in our understanding, and that is the absence of a systematic exploration into the symbiotic relationship between Homo sapiens and fungi. This highly interdisciplinary symposium aims to address this oversight, emphasizing the important – yet underappreciated – role of fungi in cognitive contexts and challenge traditional views of cognition.

SYMPOSIUM 7***Advances in the study of event cognition*****FRIDAY, JULY 26 16:00 - 17:30****DIAMOND I**

Speakers: **Jeffrey M. Zacks**: Washington University in Saint Louis; **Dare Baldwin**: University of Oregon; **Sarah Hye-yeon Lee**: University of Pennsylvania; **Eva Wittenberg**: Central European University

Authors: **Sarah Hye-yeon Lee**: University of Pennsylvania; **Anna Papafragou**: University of Pennsylvania; **Jeffrey M. Zacks**: Washington University in Saint Louis; **Dare Baldwin**: University of Oregon; **Eva Wittenberg**: Central European University

Events are a fundamental part of human experience. Research on event cognition is rapidly developing and is revealing central aspects of how humans perceive, conceptualize, communicate about, and remember events. This symposium offers an interdisciplinary look at recent advances in the study of event cognition. The symposium brings together cognitive scientists from across continents, who are experts on the subject. The symposium contributors come from a variety of backgrounds and disciplines in developmental psychology, cognitive psychology, neuro-computational psychology, and linguistics. They combine a variety of innovative and integrative approaches and methodologies and study diverse populations across the lifespan and across languages. The overall goal of this symposium is to foster an interdisciplinary conversation on different aspects of event cognition.

SYMPOSIUM 8***Dynamics of memory search*****FRIDAY, JULY 26 16:00 - 17:30****DIAMOND II**

Speakers: **Abhilasha Kumar**: Bowdoin College

Authors: **Abhilasha Kumar**: Bowdoin College; **Cynthia S.Q. Siew**: National University of Singapore; **Peter M. Todd**: Indiana University: Bloomington; **Yoed Kenett**: Technion - Israel Institute of Technology

Humans engage in a wide variety of search behaviors during their lifetime. These search behaviors may be external such as foraging for food in the wild, or searching for mates, or internal, such as searching for concepts in memory. Decades of work on search processes among humans has suggested that these two types of search behaviors share common characteristics and physiological mechanisms. Despite this progress, understanding the dynamics of internal search is an ongoing challenge in the field.

SYMPOSIUM 9***Computational social cognition: Approaches and challenges*****SATURDAY, JULY 27 10:30 - 12:00**

DIAMOND I

Speakers: **Ismail Guennouni**: University College LondonAuthors: **Ismail Guennouni**: University College London; **Joseph M Barnby**: Royal Holloway: University of London; **Julian Jara-Ettinger**: Yale University; **Rebecca Saxe**: MIT; **Maarten Speekenbrink**: University College London

Predicting the actions and reactions of others is crucial to successful social interaction. When deciding whether to bluff in a game of poker, we consider the chances that the other players will fold or continue to play and unmask our bluff. When deciding whether to tell our boss that their plans are likely to have adverse effects, we consider a range of reactions, from being grateful for our honesty to being dismissed out of spite. Such predictions are highly uncertain and complex, not least because the other's (re)actions usually result from them making equally complex and uncertain inferences about us. Nevertheless, we are often remarkably successful – although sometimes utterly wrong – in our social inferences. How do we explain these successes and failures?

SYMPOSIUM 10***The fundamental flexibility of abstract words*****SATURDAY, JULY 27 15:00 - 16:30**

DIAMOND I

Speakers: **Joanna Rączaszek-Leonardi**: University of Warsaw; **Anna Borghi**: Sapienza University of Rome; **Dedre Gentner**: Northwestern University; **Luca Tummolini**: National Research Council of Italy; **Nick Chater**: University of WarwickAuthors: **Joanna Rączaszek-Leonardi**: University of Warsaw; **Anna Borghi**: Sapienza University of Rome; **Nick Chater**: University of Warwick; **Morten H. Christiansen**: Aarhus University; **Chiara Fini**: Sapienza University of Rome; **Dedre Gentner**: Northwestern University; **Angelo Mattia Gervasi**: Sapienza University of Rome; **Daniel C King**: Northwestern University; **Francesco Mannella**: National Research Council; **Claudia Mazzuca**: Sapienza University of Rome; **Luca Tummolini**: National Research Council of Italy; **Julian Zubek**: University of Warsaw

In this Symposium we link different perspectives and traditions of research on language and concepts in the cognitive sciences to better understand the process of abstraction from the social-interactive standpoint. In contrast to the usual benefits of abstraction – such as the ability to categorize and generalize – we underscore the possibility of abstract concepts and words to remain underspecified, “open to the context, the suggestions of others” (Borghi, 2023) or to processes of real-time negotiations (Christiansen & Chater, 2022). This is enabled by their largely non-perceptual relational character (Gentner, 2005) and by the fact that they arise in cognitive systems continually embedded and active in their environments (Cisek 1999; Mannella & Tummolini 2023).

SYMPOSIUM 11**Towards a movement science of communication****SATURDAY, JULY 27 15:00 - 16:30****DIAMOND II**

Speakers and Authors: **Šárka Kadavá**: Leibniz Center General Linguistics; **Lara Pearson**: Max Planck Institute for Empirical Aesthetics; **James Trujillo**: University of Amsterdam; **Wim Pouw**: Radboud University

“To communicate is to move. There is no way around that. If we pick up comprehensive handbooks or introductory texts in movement science (Hong and Bartlett (2008)) we see that there is very rich knowledge and tractable mathematical models about different aspects of movements. Yet, we find no chapter on communicative movements. While the field of speech motor control is a developed area on its own (Parrell and Lammert (2019)), there is no movement science of communication proper, which would include whole-body-, hand-gestural-, signed-, and inter-bodily actions.”

POSTER SESSIONS

In-person Posters will be presented during three poster sessions in the Shipping & Exchange Hall of the Postillion Convention Centre. Poster numbers are PX-X-XXX. The first number after P, identifies the poster session. The letter indicates the theme category. The number following the letter is the location of the poster in the hall.

Poster Session 1: Thursday, July 25th 13:00 - 14:15

Poster Session 2: Friday, July 26th 13:00 - 14:15

Poster Session 3: Saturday, July 27th 13:00 - 15:00

| Letter | Theme |
|--------|--------------------------------|
| A | Action |
| B | Analogy |
| C | Anthropology |
| D | Art and cognition |
| E | Artificial Intelligence |
| F | Attention |
| G | Audition |
| H | Behavioral science |
| I | Biology |
| J | Causal reasoning |
| K | Cognitive development |
| L | Cognitive neuroscience |
| M | Computer science |
| N | Concepts and categories |
| O | Creativity |
| P | Culture |
| Q | Decision making |
| R | Discourse |
| S | Education |
| T | Embodied cognition |
| U | Emotion |
| V | Event cognition |
| W | Externally-supported cognition |
| X | Group Behaviour |
| Y | Human Factors |
| Z | Human-computer interaction |
| AA | Instruction and teaching |
| BB | Interactive behavior |
| CC | Language |

- DD Learning
- EE Linguistics
- FF Machine learning
- GG Neuroscience
- HH Other
- II Perception
- JJ Philosophy
- KK Problem solving
- LL Psychology
- MM Reasoning
- NN Semantics
- OO Sociology
- PP Spatial cognition

POSTER SESSION 1:

THURSDAY, JULY 25 13:00 - 14:15

P1-A-1: *Action Observation Influences Scene Perception in 18-Month-Olds*

Presenting Author: Maja Blesic, Central European University

Maja Blesic: Central European University; Agnes Kovacs: Central European University

P1-C-2: *Quantifying Culture: an Information-Theoretic Measure of how Memes Flow Through Minds*

Presenting Author: Matthew Cashman, Harvard University

Matthew Cashman: Harvard University; Damian E Blasi: Harvard University

P1-C-3: *Can epistemic vigilance explain the underuse of social information? Evidence that a competitive incentive favoured dishonest advice and reduced the influence of social information.*

Presenting Author: Robin Watson, Arizona State University

Robin Watson: Arizona State University; Thomas J. H. Morgan: Arizona State University

P1-E-4: *Modeling the Emergence of Letter Shapes*

Presenting Author: Alice Hein, Technical University of Munich

Alice Hein: Technical University of Munich; Klaus Diepold: Technical University Munich

P1-E-6: *A Nurse is Blue and Elephant is Rugby: Cross Domain Alignment in Large Language Models Reveal Human-like Patterns*

Presenting Author: Asaf Yehudai, The Hebrew University of Jerus

Asaf Yehudai: The Hebrew University of Jerus; Taelin Karidi: The Hebrew University; Gabriel Stanovsky: The Hebrew University of Jerusalem; Ariel Goldstein: The Hebrew University; Omri Abend: The Hebrew University

P1-E-7: Reconstruction of visually stable perception from saccadic retinal inputs using corollary discharge signals-driven convLSTM neural networks

Presenting Author: **Elishai Ezra Tsur**, The Open University of Israel
Yahia Showgan: The Open University of Israel; **Hadar Cohen Duwek**: Open University of Israel; **Elishai Ezra Tsur**: The Open University

P1-E-8: Complexity-Theoretic Limits on the Promises of Artificial Neural Network Reverse-Engineering

Presenting Author: **Federico Adolfi**, Ernst-Strüngmann Institute for Neuroscience
Federico Adolfi: Ernst-Strüngmann Institute for Neuroscience; **Martina G. Vilas**: Goethe University Frankfurt; **Todd Wareham**: Memorial University of Newfoundland

P1-E-9: Explaining Human Comparisons using Alignment-Importance Heatmaps

Presenting Author: **Nhut Truong**, University of Trento
Nhut Truong: University of Trento; **Dario Pesenti**: University of Trento; **Uri Hasson**: University of Trento

P1-E-10: An Investigation on EEG-based Prognosis Prediction of Patients with Disorders of Consciousness

Presenting Author: **Jingcong Li**, South China Normal University
Jingcong Li: South China Normal University; **Biao Huang**: South China Normal University; **Jiahui Pan**: South China Normal University; **Fei Wang**: South China Normal University

P1-E-11: Cross-subject EEG Emotion Recognition based on Multitask Adversarial Domain Adaption

Presenting Author: **Lina Qiu**, South China Normal University
Lina Qiu: South China Normal University; **Zuorui Ying**: South China Normal University; **Weisen Feng**: South China Normal University; **Jiahui Pan**: South China Normal University

P1-E-12: Face Processing in Real and Virtual Faces: An EEG Study

Presenting Author: **Julija Vaitonytė**, Tilburg University
Julija Vaitonytė: Tilburg University; **Maryam Alimardani**: Tilburg University; **Max Louwerse**: Tilburg University

P1-E-13: Simplicity in Complexity

Presenting Author: **Surabhi S Nath**, Max Planck Institute for Biological Cybernetics
Tingke Shen: Max Planck Institute for Biological Cybernetics; **Surabhi S Nath**: Max Planck Institute for Biological Cybernetics; **Aenne Brielmann**: University of Tübingen; **Peter Dayan**: Max Planck Institute for Biological Cybernetics

P1-E-14: Learning to Play Video Games with Intuitive Physics Priors

Presenting Author: **Abhishek Jaiswal**, Indian Institute of Technology Kanpur
Abhishek Jaiswal: Indian Institute of Technology Kanpur; **Nisheeth Srivastava**: Indian Institute of Technology

P1-E-15: Concept Learning as Coarse-to-Fine Probabilistic Program Induction

Presenting Author: **Maddy Bowers**, MIT

Maddy L Bowers: MIT; **Alexander Lew**: MIT; **Wenhai Qi**: University of California, San Diego; **Joshua S Rule**: UC Berkeley; **Vikash Mansinghka**: MIT; **Josh Tenenbaum**: MIT; **Armando Solar-Lezama**: Massachusetts Institute of Technology

P1-E-16: Insights from the first BabyLM Challenge: Training sample-efficient language models on a developmentally plausible corpus

Presenting Author: **Alex Warstadt**, ETH Zurich

Alex Warstadt: ETH Zurich; **Aaron Mueller**: Northeastern University; **Leshem Choshen**: IBM; **Ethan Gotlieb Wilcox**: ETH Zurich; **Chengxu Zhuang**: MIT; **Adina Williams**: Meta Platforms Inc.; **Ryan Cotterell**: Institute for Machine Learning; **Tal Linzen**: New York University

P1-E-17: An Automated Sleep Staging Method with EEG-based Sleep Structure Computation

Presenting Author: **Ruixiang Liao**, Hangzhou Dianzi University
Ruixiang Liao: Hangzhou Dianzi University; **Li Zhu**: Hangzhou Dianzi University; **Wanzeng Kong**: Hangzhou Dianzi University; **Zhengyi Wang**: Hangzhou Dianzi University

P1-E-18: Generative Artificial Intelligence for Behavioral Intent Prediction

Presenting Author: **Willa Mannering**, Johns Hopkins Applied Physics Laboratory

Willa Mannering: Johns Hopkins Applied Physics Laboratory; **Noah Ford**: Johns Hopkins University Applied Physics Lab; **Justin J Harsono**: Johns Hopkins University Applied Physics Laboratory; **John Winder**: Johns Hopkins University Applied Physics Laboratory

P1-E-19: Chain Versus Common Cause: Biased Causal Strength Judgments in Humans and Large Language Models

Presenting Author: **Anita Keshmirian**, Forward College

Anita Keshmirian: Forward College; **Moritz Willig**: Technical University of Darmstadt; **Babak Hemmatian**: University of Illinois Urbana-Champaign; **Kristian Kersting**: TU Darmstadt; **Ulrike Hahn**: Birkbeck, University of London; **Tobias Gerstenberg**: Stanford University

P1-E-20: Animate Agent World Modeling Benchmark

Presenting Author: **Logan Cross**, Stanford University

Logan Matthew Cross: Stanford University; **Violet Xiang**: Stanford University; **Nick Haber**: Stanford; **Daniel Yamins**: Stanford University

P1-E-21: Advice Design to Increase the Use of Advice with an Interval to Overcome Algorithm Aversion

Presenting Author: **Rina Kagawa**, University of Tsukuba

Rina Kagawa: University of Tsukuba; **Hidehito Honda**: The University of Tokyo; **Hirokazu Nosato**: National Institute of Advanced Industrial Science and Technology (AIST)

P1-E-22: Understanding Multimodal Deep Neural Networks: A Concept Selection View

Presenting Author: **Chenming Shang**, Tsinghua University
Chenming Shang: Tsinghua University; **Hengyuan Zhang**: Tsinghua University; **Hao Wen**: Tsinghua University; **Yuju Yang**: Institute of Data and Information

P1-E-23: Memristor-based Bionic Decision-making Circuit Inspired by Self-awareness

Presenting Author: **Zilu Wang**, Harbin Institute Technology
Zilu Wang: Harbin Institute Technology

P1-E-24: Unveiling Diplomatic Narratives: Analyzing United Nations Security Council Debates Through Metaphorical Cognition

Presenting Author: **Rui Mao**, Nanyang Technological University
Rui Mao: Nanyang Technological University; **Tianwei Zhang**: Nanyang Technological University; **Qian Liu**: School of Computer Science and Engineering; **Amir Hussain**: Edinburgh Napier University; **Erik Cambria**: NTUsg

P1-E-25: Modelling Pragmatic Inference in Children's Use of Perception Verbs with Language Models

Presenting Author: **Bram van Dijk**, Leiden University
Bram van Dijk: Leiden University; **Max van Duijn**: Leiden University; **Li Kloostera MA**: Utrecht University; **Marco Spruit**: Leiden University; **Barend Beekhuizen**: University of Toronto

P1-E-26: A systematic investigation of learnability from single child linguistic input

Presenting Author: **Yulu Qin**, New York University
Yulu Qin: New York University; **Wentao Wang**: New York University; **Brenden Lake**: NYU

P1-E-27: Prompting invokes expert-like downward shifts in GPT-4V's conceptual hierarchies

Presenting Author: **Cara Su-Yi Leong**, New York University
Cara Su-Yi Leong: New York University; **Brenden Lake**: NYU

P1-E-28: Linguistic Framing in Large Language Models

Presenting Author: **Stephen Flusberg**, Vassar College
Stephen Flusberg: Vassar College; **Kevin J. Holmes**: Reed College

P1-E-29: Natural Language Semantics Encode Key Dimensions of Psychopathology

Presenting Author: **Maria Martin Lopez**, University of California, Berkeley
Maria Martin Lopez: University of California, Berkeley; **Keanan Joyner**: University of California, Berkeley; **Bill Thompson**: University of California, Berkeley

P1-E-30: Searching for Argument-Counterargument Relationships in Vector Embeddings

Presenting Author: **Cherrie Chang**, Vassar College
Cherrie Chang: Vassar College; **Josh de Leeuw**: Vassar College

P1-E-31: A Deep Channel Attention Transformer for Multimodal EEG-EOG-Based Vigilance Estimation

Presenting Author: **Jiahui Pan**, South China Normal University
Jiahui Pan: South China Normal University; **Dehua Lu**: South China Normal University

P1-E-32: Computational Principles of Caregiving

Presenting Author: **Max Kleiman-Weiner**, University of Washington
Max Kleiman-Weiner: University of Washington

P1-E-33: Demystify Deep-learning AI for Object Detection using Human Attention Data

Presenting Author: **Jinhan Zhang**, The University of Hong Kong
Jinhan Zhang: The University of Hong Kong; **Guoyang Liu**: Shandong University; **Yunke Chen**: The University of Hong Kong; **Antoni B. Chan**: City University of Hong Kong; **Janet Hsiao**: Hong Kong University of Science & Technology

P1-E-34: Basic syntax from speech: Spontaneous concatenation in unsupervised deep neural networks

Presenting Author: **Gasper Begus**, University of California, Berkeley
Gasper Begus: University of California, Berkeley; **Thomas Lu**: University of California Berkeley; **Zili Wang**: Iowa State University

P1-E-35: Emergent Mental Lexicon Functions in ChatGPT

Presenting Author: **Christopher Kello**, University of California Merced
Christopher Kello: University of California Merced; **Polyphony J Bruna**: University of California Merced

P1-E-36: Cobweb: An Incremental and Hierarchical Model of Human-Like Category Learning

Presenting Author: **Sashank Varma**, Georgia Institute of Technology
Xin Lian: Georgia Institute of Technology; **Sashank Varma**: Georgia Tech; **Christopher MacLellan**: Georgia Institute of Technology

P1-E-37: Feedback Promotes Learning and Knowledge of the Distribution of Values Hinders Exploration in an Optimal Stopping Task

Presenting Author: **Erin H. Bugbee**, Carnegie Mellon University
Erin H. Bugbee: Carnegie Mellon University; **Cleotilde Gonzalez**: Carnegie Mellon University

P1-E-38: Investigating Object Permanence in Deep Reinforcement Learning Agents

Presenting Author: **Konstantinos Voudouris**, University of Cambridge

Konstantinos Voudouris: University of Cambridge; **Jason Darwin Liu**: University of Cambridge; **Natasza Siwinska**: University of Cambridge; **Wout Schellaert**: Universitat Politècnica de València; **Lucy G Cheke**: University of Cambridge

P1-F-39: Measuring and Modeling Pursuit Detection in Dynamic Visual Scenes

Presenting Author: **Maria Kon**, U.S. Naval Research Laboratory
Maria Kon: U.S. Naval Research Laboratory; **Sangeet Khemlani**: U.S. Naval Research Laboratory; **Andrew Lovett**: U.S. Naval Research Laboratory

P1-F-40: Does familiarity drive the self-prioritization effects in attentional processing? Evidence from the Attentional Blink Task.

Presenting Author: **Dipanjli Yadav**, I.I.T KANPUR
DIPANJALI YADAV: I.I.T KANPUR; **Ark Verma**: Indian Institute of Technology Kanpur

P1-I-41: Differential Cognitive Effects of Extended Hypoxia

Presenting Author: **Tim Halverson**, Aptima, Inc.
Tim Halverson: Aptima, Inc.; **Kara J Blacker**: Naval Medical Research Unit - Dayton; **Sean Harshman**: Air Force Research Lab; **Christopher Myers**: Air Force Research Laboratory

P1-K-42: Two-year-olds can reason about the temporal structure of their performance

Presenting Author: **Peter Zhu**, Stanford University
Peter Zhu: Stanford University; **Veronica Aranda**: Stanford University; **Grace E Keene**: Stanford University; **Hyowon Gweon**: Stanford University

P1-K-43: Children's multimodal coordination during collaborative problem solving

Presenting Author: **Lisette de Jonge-Hoekstra**, Psychology, Faculty of Behavioral and Social Sciences, University of Groningen
Lisette De Jonge-Hoekstra: Psychology, Faculty of Behavioral and Social Sciences, University of Groningen; **Wim Pouw**: Radboud University; **Steffie van der Steen**: Faculty of Behavioral and Social Sciences, University of Groningen; **Ralf F.A. Cox**: University of Groningen; **James Dixon**: University of Connecticut

P1-K-44: Language captures rich information about perceptibility: Evidence from LMMs and humans

Presenting Author: **Ziwen Wang**, Johns Hopkins University
Akshi LNU: Johns Hopkins University; **Gabriel Pernell**: Johns Hopkins University; **Ziwen Wang**: Johns Hopkins University; **Marina Bedny**: Johns Hopkins University

P1-K-45: Infants expect an agent to choose a goal that can be reached at a lower cost

Presenting Author: **Laura Schlingloff-Nemecz**, Central European University
Laura Schlingloff-Nemecz: Central European University; **Gergely Csibra**: Central European University; **Denis Tatone**: Central European University; **Barbara Pomiechowska**: University of Birmingham

P1-K-46: Young children strategically adapt to unreliable social partners

Presenting Author: **Kat Adams Shannon**, Stanford University
Katherine Adams Shannon: Stanford University; **Aneesa Conine-Nakano**: Stanford University; **Willem E. Frankenhuus**: University of Amsterdam; **Michael C. Frank**: Stanford University; **Hyowon Gweon**: Stanford University

P1-L-47: Computational characterization of the role of an attention schema in controlling visuospatial attention

Presenting Author: **Lotta Marlen Piefke**, University Osnabrück
Lotta Marlen Piefke: University Osnabrück; **Adrien Doerig**: University of Osnabrück; **Tim Kietzmann**: University of Osnabrück; **Sushrut Thorat**: Osnabrück University

P1-L-48: Causal inferencing relies on domain-specific systems: Evidence from illness causality

Presenting Author: **Miriam Hauptman**, Johns Hopkins University
Miriam Hauptman: Johns Hopkins University; **Marina Bedny**: Johns Hopkins University

P1-L-49: The trajectory of the functional excitation-inhibition balance in an autistic and allistic developmental sample

Presenting Author: **Hannah Plueckebaum**, University of Kaiserslautern-Landau

Hannah Plueckebaum: University of Kaiserslautern-Landau; **Lars Meyer**: Max Planck Institute for Human Cognitive and Brain Sciences; **Ann-Kathrin Beck**: University of Kaiserslautern-Landau; **Thomas Lachmann**: University of Kaiserslautern-Landau; **Katharina H. Menn**: Max Planck Institute for Human Cognitive and Brain Sciences

P1-L-50: Blocked learning curriculum reduces age-related deficits in memory

Presenting Author: **Xiangjuan Ren**, Universität Hamburg
Xiangjuan Ren: Universität Hamburg; **Marit Petzka**: Universität Hamburg; **Nicolas Schuck**: Universität Hamburg

P1-L-51: How Does Information Sampling Affect Moral Judgments?

Presenting Author: **Jade Terry**, Deborah Cesari, Duke University
Deborah Cesari: Duke University; **Jade Terry**: Duke University

P1-L-52: Size and community structure affect abstract graph learning

Presenting Author: **Theodoros Kapogianis**, UCI
Theodoros Kapogianis: UCI; **Aaron Bornstein**: University of California, Irvine; **Elizabeth Chrastil**: UC Irvine

P1-L-53: The effects of mindfulness meditation on peripersonal space

Presenting Author: Riccardo De Pastina, Sapienza University of Rome

Riccardo De Pastina: Sapienza University of Rome; Salvatore Gaetano Chiarella: Sapienza University of Rome; Antonino Raffone: Sapienza University of Rome; Luca Simione: Università degli Studi Internazionali

P1-L-54: How repetition interferes with access to visual working memory items : An EEG study

Presenting Author: Abhishek Singh Narvaria, National Brain Research centre

Abhishek Singh Narvaria: National Brain Research centre; Dr. Arpan Banerjee: National Brain Research Centre (NBRC); Dipanjan Roy: Indian Institute of Technology Jodhpur

P1-L-55: Object concepts in the brain: A representational similarity analysis of features and categories

Presenting Author: Caitlyn Antal, McGill University

Caitlyn Antal: McGill University; Roberto G. de Almeida: Concordia University; Christopher Steele: Concordia University; Brendan Johns: McGill University

P1-L-56: Investigating autobiographical memory through the lens of self-incongruent shameful memories.

Presenting Author: Alicja M. Wicher, Ruhr University Bochum

Alicja M. Wicher: Ruhr University Bochum; Nikolai Axmacher: Ruhr University Bochum

P1-M-57: Testing a Distributional Semantics Account of Grammatical Gender Effects on Semantic Gender Perception

Presenting Author: George Rocco Flint, University of California, Berkeley

George Rocco Flint: University of California, Berkeley; Anna Ivanova: Georgia Institute of Technology

P1-M-58: Resource-Rational Encoding of Reward Information in Planning

Presenting Author: Zhuojun Ying, UCSD

Zhuojun Ying: UCSD; Frederick Callaway: New York University; Anastasia Kiyonaga: UC San Diego; Marcelo G Mattar: New York University

P1-M-59: Learning interactions to boost human creativity with bandits and GPT-4

Presenting Author: Timothy Rogers, University of Wisconsin Madison

Ara Vartanian: University of Wisconsin Madison; Xiaoxi Sun: University of Wisconsin Madison; Yun-Shiuan Chuang: University of Wisconsin Madison; Siddharth Suresh: University of Wisconsin Madison; Jerry Zhu: University of Wisconsin-Madison; Timothy Rogers: UW-Madison

P1-N-60: Conceptual Diversity Across Languages and Cultures: A Study on Common Word Meanings among native English and Chinese speakers.

Presenting Author: Jia Ke, University of Melbourne

Jia Ke: University of Melbourne; Simon De Deyne: University of Melbourne

P1-O-61: Different Forms of Creativity Are Rooted in Distinctive Evolutionarily-Ancient Foraging Strategies

Presenting Author: Tyler Marghetis, University of California, Merced
Soran Malaie: University of California, Merced; Michael Spivey: University of California, Merced; Tyler Marghetis: University of California, Merced

P1-O-62: Individual Creativity Versus Team Setting: Where Do the Most Creative Ideas Flourish?

Presenting Author: Zhino Ebrahimi, RPTU University of Kaiserslautern-Landau

Zhino Ebrahimi: RPTU University of Kaiserslautern-Landau; Thomas Lachmann: RPTU University of Kaiserslautern-Landau; Saskia Jaarsveld Phd, Dr habil.: Technische Universität Kaiserslautern; Kirstin Bergström: University of Kaiserslautern-Landau

P1-S-64: Enhancing Effects of Causal Scaffolding on Preschoolers' Analogical Reasoning Abilities

Presenting Author: Emily Rose Reagan, UC Berkeley

Emily Rose Reagan: UC Berkeley; Verity Pinter: UC Berkeley; Mariel K. Goddu: UC Berkeley; Alison Gopnik: University of California at Berkeley

P1-S-65: Parent-Child Interaction and Children's Engagement with and Learning of a Causal System: A Conversation Card Manipulation

Presenting Author: David Sobel, Brown University

David M. Sobel: Brown University; Angela Li: Brown University

P1-S-66: How Red Is a Ladybeetle? Examining People's Notions of Biological Variability

Presenting Author: Pablo Leon Villagra, Brown University

Pablo Leon Villagra: Brown University; Olympia N. Mathiaparanam: University of Rochester; Karl Rosengren: University of Rochester; Daphna Buchsbaum: Brown University

P1-T-67: The Influence of Emotional Narrative Context on Word Learning

Presenting Author: Yuzhen Dong, University of Oxford

Yuzhen Dong: University of Oxford; Matthew HC Mak: University of Warwick; Robert Hepach: University of Oxford; Kate Nation: University of Oxford

P1-U-68: Changes of self-others relation by synchronizing facial expressions

Presenting Author: Ryunosuke Baba, Shizuoka University

Ryunosuke Baba: Shizuoka University; Junya Morita: Shizuoka University

P1-X-69: Why Two Heads Together are Worse Than Apart: A Context-Based Account of Collaborative Inhibition in Memory Search

Presenting Author: **Hemali Angne**, Rutgers University - New Brunswick

Hemali Angne: Rutgers University - New Brunswick; **Charlotte Cornell**: Rutgers University--New Brunswick; **Qiong Zhang**: Rutgers University - New Brunswick

P1-CC-70: Comparing the Threshold and Prototype Model for Gradable Adjectives

Presenting Author: **Tamar Johnson**, University of Amsterdam

Tamar Johnson: University of Amsterdam; **Alexandra Sarafoglou**: University of Amsterdam ; **Julia M Haaf**: University of Potsdam; **Ingmar Visser**: University of Amsterdam; **Jakub Szymanik**: University of Trento

P1-CC-71: Distributional Language Models and the Representation of Multiple Kinds of Semantic Relations

Presenting Author: **Jon Willits**, University of Illinois Urbana Champaign

Jingfeng Zhang: University of Illinois Urbana Champaign; **Jon Willits**: University of Illinois at Urbana-Champaign

P1-EE-72: Effects of Context on the Use of Descriptive Verbs

Presenting Author: **Radina Dobreva**, University of Edinburgh

Radina Dobreva: University of Edinburgh; **Frank Keller**: University of Edinburgh; **Alexandra Birch**: University of Edinburgh

P1-EE-73: Inferential abilities in Down syndrome: Examining verbal and nonverbal contributors to narrative comprehension in adolescents and adults

Presenting Author: **Elisa Mattiauda**, University College London (UCL)

Elisa Mattiauda: University College London (UCL); **Onur Özsoy**: Leibniz-Center General Linguistics; **Natalia Gagarina**: ZAS; **Alexandra Perovic**: University College London

P1-EE-74: Lexicons encode differently what people do differently. Computational studies of the pragmatic motivations of lexical typology.

Presenting Author: **Barend Beekhuizen**, University of Toronto

Barend Beekhuizen: University of Toronto

P1-EE-75: Event-General Conceptual Categories Organize Verb Semantics and Acquisition Cross-linguistically

Presenting Author: **Sarah Hye-yeon Lee**, University of Pennsylvania

Sarah Hye-yeon Lee: University of Pennsylvania; **Anna Papafragou**: University of Pennsylvania

P1-EE-76: Analysing Cross-Speaker Convergence through the Lens of Automatically Detected Shared Linguistic Constructions

Presenting Author: **Esam Ghaleb**, University of Amsterdam

Esam Ghaleb: University of Amsterdam; **Marlou Rasenberg**: Meertens Institute; **Wim Pouw**: Radboud University; **Ivan Toni**: Radboud University; **Judith Holler**: Radboud University; **Asli Ozyurek**: Radboud University; **Raquel Fernandez**: University of Amsterdam

P1-EE-77: Speakers align both their gestures and words not only to establish but also to maintain reference to create shared labels for novel objects in interaction

Presenting Author: **Sho Akamine**, Max Planck Institute for Psycholinguistics

Sho Akamine: Max Planck Institute for Psycholinguistics; **Esam Ghaleb**: University of Amsterdam; **Marlou Rasenberg**: Meertens Institute; **Raquel Fernandez**: University of Amsterdam; **Antje Meyer**: Max Planck Institute for Psycholinguistics; **Asli Özyürek**: Max Planck Institute

P1-EE-78: At-issueness and the Right Frontier: An Investigation of Dutch

Presenting Author: **Hans A. Wilke**, University of Groningen

Hans Wilke: University of Groningen; **Jet Hoek**: Radboud University

P1-EE-79: Interpreting implausible event descriptions under noise

Presenting Author: **Asya Achimova**, University of Tübingen

Asya Achimova: University of Tübingen; **Marjolein van Os**: Saarland University; **Vera Demberg**: Saarland University; **Martin V. Butz**: University of Tuebingen

P1-EE-80: Simulation as a tool for formalising null hypotheses in cognitive science research

Presenting Author: **Aislinn Keogh**, University of Edinburgh

Aislinn Keogh: University of Edinburgh; **Elizabeth Pankratz**: University of Edinburgh

P1-EE-81: Neural-agent Language Learning and Communication: Emergence of Dependency Length Minimization

Presenting Author: **Yuqing Zhang**, University of Groningen

Yuqing Zhang: University of Groningen; **Tessa Verhoef**: Leiden University; **Gertjan van Noord**: University of Groningen; **Arianna Bisazza**: University of Groningen

P1-EE-82: Item-level Difficulty Predictors in the Acquisition of Past Tense in Dutch

Presenting Author: **Eleni Zimianiti**, Max Planck Institute for Psycholinguistics

Eleni Zimianiti: Max Planck Institute for Psycholinguistics; **Lilian Ye**: Prowise Learn; **Abe Hofman**: University of Amsterdam; **Rogier A Kievit**: donders; **Caroline F Rowland**: Max Planck Institute for Psycholinguistics; **Seamus Donnelly**: Australian National University

P1-EE-83: Repair in Children's Language Acquisition: Universal Principles and Patterns of Variation

Presenting Author: Liudmyla Feurstein, University of Zurich
Liudmyla Feurstein: University of Zurich; **Sabine Stoll:** University of Zurich

P1-EE-84: Aspects of semantic change and how they interact with lexical acquisition

Presenting Author: Stefan Hartmann, University of Vienna
Andreas Baumann: University of Vienna; **Andreas Scheicher:** TU Wien; **Irene Böhm:** University of Vienna; **Stefan Hartmann:** HHU Düsseldorf

P1-EE-85: 'Good-Enough' Processing by Heritage Speakers: A Case of Korean Suffixal Passive and Morphological Causative Constructions

Presenting Author: Gyu-Ho Shin, University of Illinois at Chicago
Gyu-Ho Shin: University of Illinois at Chicago

P1-EE-86: Feature-based generalisation in sound pattern learning depends on phonetic motivation

Presenting Author: Alexander Martin, University of Groningen
Alexander Martin: University of Groningen; **James White:** University College London

P1-EE-87: The strength of a universal

Presenting Author: Tyler Knowlton, University of Pennsylvania
Tyler Knowlton: University of Pennsylvania; **John Trueswell:** University of Pennsylvania; **Anna Papafragou:** University of Pennsylvania

P1-EE-88: Word order and the learnability of artificial languages

Presenting Author: Bob van Tiel, Radboud University Nijmegen
Bob van Tiel: Radboud University Nijmegen; **Fausto Carcassi:** University of Amsterdam; **Xiaochen Y Zheng:** Donders Institute for Brain, Cognition, and Behaviour

P1-EE-89: The optionality of complementizer čto in Russian – a multifactorial analysis

Presenting Author: Yue Zou, Shanghai International Studies University
Yue Zou: Shanghai International Studies University; **Hao Lin:** Shanghai International Studies University

P1-EE-90: Shared syntax in bilinguals: Does code-switching affect the strength of cross-language structural priming?

Presenting Author: Yung Han Khoe, Radboud University
Yung Han Khoe: Radboud University; **Gerrit Jan Kootstra:** Radboud University; **Edith Kaan:** University of Florida; **Rob Schoonen:** Radboud University; **Stefan Frank:** Radboud University

P1-EE-91: Same Same but Different: How Ambiguity is Resolved by Prosody and Gestures

Presenting Author: Jiajun GAO, Yan Gu, University of Nottingham Ningbo China
Jiajun GAO: University of Nottingham Ningbo China; **Yan Gu:** University of Essex

P1-EE-92: Informativity and accessibility in incremental production of the dative alternation

Presenting Author: Neil Rathi, Stanford University
Neil Rathi: Stanford University; **Brandon Waldon:** Georgetown University; **Judith Degen:** Stanford University

P1-EE-93: Experimental Pragmatics with Machines: Testing LLM Predictions for the Inferences of Plain and Embedded Disjunctions

Presenting Author: Polina Tsvilodub, University of Tübingen
Polina Tsvilodub: University of Tübingen; **Paul Marty:** University of Malta; **Sonia Ramotowska:** University of Amsterdam; **Jacopo Romoli:** Heinrich Heine Universität Düsseldorf; **Michael Franke:** University of Tübingen

P1-EE-94: Is there flexibility in Letter-Position Encoding in Hindi? Evidence from masked form priming study

Presenting Author: Suraj Kumar, Indian Institute of Technology Kanpur
Suraj Kumar: Indian Institute of Technology Kanpur; **Anurag Khare:** Indian Institute of Technology Kanpur; **Ark Verma:** Indian Institute of Technology Kanpur

P1-EE-95: Rounding and magnitude: Pragmatic halos are bigger for larger numbers

Presenting Author: Bodo Winter, University of Birmingham
Bodo Winter: University of Birmingham; **Greg Woodin:** University of Birmingham; **Alexandra Lorson:** University of Groningen

P1-EE-96: "Wrongful discrimination" - a tautological claim? An empirical study of the evaluative dimension of discrimination vocabulary

Presenting Author: Kevin Reuter, University of Zurich
Pascale Willemsen: University of Zurich; **Simone Sommer Degn:** Aalborg University; **Jan García Olier:** University of Zurich; **Kevin Reuter:** University of Zurich

P1-EE-97: Evidence from eye-tracking on the processing of quotation marks in German

Presenting Author: Natascha Raue, University of Kassel
Natascha Raue: University of Kassel; **Holden Haertl:** University of Kassel; **Alvaro Cortés Rodríguez:** University of Potsdam

P1-EE-98: Some but not all speakers sometimes but not always derive scalar implicatures

Presenting Author: Sonia Ramotowska, University of Amsterdam
Sonia Ramotowska: University of Amsterdam; **Paul Marty:** University of Malta; **Leendert van Maanen:** Utrecht University; **Yasutada Sudo:** University College London

P1-EE-99: Do Rhymes Enhance Memory Processes? Real word and pseudoword recall in rhyming conditions

Presenting Author: Klára Enikő Finta, University of Vienna
 Klára E. Finta: University of Vienna; Tecumseh Fitch: University of Vienna

P1-EE-100: The Benefits and Role of Bilingualism in Indian Schoolchildren with Low Vision Impairment.

Presenting Author: Dr Shiva Ram Male, M.S, PhD, University of Hyderabad
 Male Shiva Ram M.S, PhD: University of Hyderabad; PHANI KRISHNA: University of Delhi; Baskar Theagarayan: University of Huddersfield

P1-EE-101: The facilitating effect of generics on inductive reasoning in 3 to 5 years old children: interindividual variability and domain-specificity

Presenting Author: Sabrina Boulkour, Université de Bourgogne
 Sabrina Boulkour: Université de Bourgogne; Jean-Pierre Thibaut: University of Bourgogne Franche-Comté; Lafraire Jérémie: Institut Paul Bocuse

P1-EE-102: Domain-general categorisation principles explain the prevalence of animacy and absence of colour in noun classification systems

Presenting Author: Ponrawee Prasertsom, University of Edinburgh
 Ponrawee Prasertsom: University of Edinburgh; Kenny Smith: University of Edinburgh; Jennifer Culbertson: University of Edinburgh

P1-EE-103: Development of Hindi Pragmatic Language Skills in Indian Children

Presenting Author: Afreen Fatima, University of Delhi
 Afreen Fatima: University of Delhi; Nandita Babu: University of Delhi

P1-EE-104: "They Say" Makes Good Liars: An Investigation on Evidentiality in Language and Deception

Presenting Author: Cagla Aydin, Sabanci University
 Cagla Aydin: Sabanci University; Dr Seçkin Arslan: Université Côte d'Azur; Selma Berfin Tanis: Sabanci University; Seyma Kalender: Sabanci University; Ayberk Kaan Güneş: Sabancı University

P1-EE-105: Typological Prevalence Hypothesis: The Case of Kinship

Presenting Author: Jules Torgue, The University of Edinburgh
 Jules Torgue: The University of Edinburgh; Rosalind Owen: University of Edinburgh; Francis Mollica: University of Melbourne

P1-EE-106: Building and Validating Multiword Expression Lexicons with a Case Study on Language and Conspiracy Theories

Presenting Author: Emily Klein, University at Albany
 Emily Klein: University at Albany

P1-EE-107: Spatial Demonstratives and Perspective Taking in Japanese and English

Presenting Author: Harmen Gudde, Utrecht University
 Harmen Gudde: Utrecht University; Kenny R Coventry: University of East Anglia

P1-EE-108: Do 14-17-Month-Old Infants Use Iconic Cues to Interpret Words?

Presenting Author: Suzanne Aussem, University of Warwick
 Suzanne Aussem: University of Warwick; Lottie Devey Smith: University of Exeter; Sotaro Kita: University of Warwick

P1-EE-109: Weighted parameters in demonstrative use: The case of Spanish teens and adults

Presenting Author: Paula Rubio-Fernandez, University of Oslo
 Camilo R. Ronderos: University of Oslo; Yayun Zhang: Max Planck Institute for Psycholinguistics; Paula Rubio-Fernández: Max Planck Institute for Psycholinguistics

P1-EE-110: Engaging Nonverbal Theory-of-Mind Boosts Novel Word Retention in Adults

Presenting Author: Katherine Trice, Northeastern University
 Katherine Trice: Northeastern University; Emily Cohen: Northeastern University; Zhenghan Qi: Northeastern University

P1-EE-111: Spatial category learning: the influence of noise and familiarity on individuals

Presenting Author: David Heath, University of Memphis
 David Heath: University of Memphis; Stephanie Huette: University of Memphis

P1-EE-112: Differences in the gesture kinematics of blind, blindfolded, and sighted speakers

Presenting Author: Ezgi Mamus, Max Planck Institute for Psycholinguistics
 Ezgi Mamus: Max Planck Institute for Psycholinguistics; Mounika Kanakanti: Max Planck Institute for Psycholinguistics; Aslı Özyürek: Max Planck Institute

P1-EE-113: Spatial Term Variety Reflected in Eye Movements on Visual Scenes

Presenting Author: Cengiz Acarturk, Jagiellonian University
 Cengiz Acarturk: Jagiellonian University; Seyma Nur Ertekin: University of Amsterdam

P1-EE-114: Exploring the flexibility of perspective reasoning: Evidence from pronoun resolution

Presenting Author: Tiana V. Simovic, University of Toronto
 Tiana V. Simovic: University of Toronto; Craig Chambers: University of Toronto

P1-EE-115: Predictive processing suppresses form-related words with overlapping onsets

Presenting Author: Katja I. Haeuser, Saarland University
 Katja Haeuser: Saarland University; Arielle Borovsky: Purdue University

P1-EE-116: Coordination, rather than pragmatics, shapes colexification when the pressure for efficiency is low

Presenting Author: **Alexey Koshevoy**, Université Aix-Marseille/CNRS
Alexey Koshevoy: Université Aix-Marseille/CNRS; **Isabelle Dautriche**: Université Aix-Marseille/CNRS; **Olivier Morin**: PSL University; **Kenny Smith**: University of Edinburgh

P1-EE-117: GAIA: A Givenness Hierarchy Theoretic Model of Situated Referring Expression Generation

Presenting Author: **Mark Higger**, Colorado School of Mines
Mark Higger: Colorado School of Mines; **Tom Williams**: Colorado School of Mines

P1-JJ-118: How do brain maps affect neuroscientific investigation? A study with novices

Presenting Author: **Marina Dubova**, Indiana University Bloomington
Marina Dubova: Indiana University Bloomington; **Robert Goldstone**: Indiana University

P1-JJ-119: Questioning Two Common Assumptions concerning Group Agency and Group Cognition

Presenting Author: **Zachary Peck**, University of Cincinnati
Zachary Peck: University of Cincinnati; **Anthony Chemero**: University of Cincinnati

P1-JJ-120: Deriving beliefs about children's moral responsibility from capacity beliefs

Presenting Author: **Junyu Li**, Max Planck Institute for Evolutionary Anthropology
Junyu Li: Max Planck Institute for Evolutionary Anthropology; **Susanne Hardecker**: SRH University of Applied Sciences; **Daniel Benjamin Moritz Haun**: Max Planck Institute for Evolutionary Anthropology; **Manuel Bohn**: Leuphana University Lüneburg

P1-JJ-121: Personality Traits, Locus of Control, and Susceptibility to Social Influence in Agency Judgments

Presenting Author: **Mark Wulff Carstensen**, Institut Jean-Nicod
Mark Wulff Carstensen: Institut Jean-Nicod

P1-JJ-122: Self-Other Perspective Taking and the Development of Perspective Understanding

Presenting Author: **Julia Wolf**, Ruhr University Bochum
Julia Wolf: Ruhr University Bochum

P1-JJ-123: Diversity versus diffusion in group problem solving

Presenting Author: **Samuli Reijula**, University of Luxembourg
Nicolas Jonard: University of Luxembourg; **Samuli Reijula**: University of Helsinki; **Luigi Marengo**: LUISS

P1-LL-124: Your intentions matter! The selection of an orthogonal feature of an intended object influences attentional control.

Presenting Author: **Dr. Devpriya Kumar**, Indian Institute of Technology, Kanpur

Niteesh Deep Sharma: Indian Institute of Technology, Kanpur; **Devpriya Kumar**: Indian Institute of Technology; **Narayanan Srinivasan**: Indian Institute of Technology

P1-LL-125: Novelty Drives Exploration in Early Development in a Bottom-up Manner

Presenting Author: **Mengcun Gao**, The Ohio State University
Mengcun Gao: The Ohio State University; **Vladimir Sloutsky**: The Ohio State University

P1-LL-126: Children track variability in adult attention and plan interventions accordingly

Presenting Author: **Shengyi Wu**, Massachusetts Institute of Technology

Shengyi Wu: Massachusetts Institute of Technology; **Laura Schulz**: Massachusetts Institute of Technology

P1-LL-127: Dynamics of spontaneous thoughts and its link to the attentional profile

Presenting Author: **Adrien Kérébel**, Ecole Normale Supérieure (ENS)

Adrien Kérébel: Ecole Normale Supérieure (ENS); **Jerome Sackur**: Ecole des Hautes Etudes en Sciences Sociales

P1-LL-128: Does Bilingualism Affect Face Perception in Preschoolers?

Presenting Author: **Ricarda Brieke**, University College London (UCL)
Ricarda Brieke: University College London (UCL); **Chunru Wang**: UCL; **Lasana Harris**: UCL

P1-LL-129: Does Taking Photographs Impair Your Memory? The Role of Attentional Disengagement

Presenting Author: **Marc Croes**, Erasmus University Rotterdam
Simon Braun: Erasmus University Rotterdam; **Marc Croes**: Erasmus University Rotterdam; **Rugile Vaitkunaite**: Erasmus University Rotterdam; **Steven Verheyen**: Erasmus University Rotterdam

P1-LL-130: Using Spatial Context to Facilitate Inductive Inference for Word Learning

Presenting Author: **Sophie Domanski**, University of Maryland
Sophie Domanski: University of Maryland; **Yi Ting Huang**: University of Maryland

P1-LL-132: Real-World Visual Search in individuals with ASD

Presenting Author: **Alice Yumeng Yang**, University of Hong Kong
Alice Yang: University of Hong Kong; **Janet Hsiao**: Hong Kong University of Science & Technology

P1-LL-133: Pitch Expectancy Modulates Cross-Modal Correspondence Effect

Presenting Author: Armina Janyan, New Bulgarian University
 Lazarina Ivanova Georgieva: New Bulgarian University; Armina Janyan: New Bulgarian University

P1-LL-134: Capturing Asymmetric Bias in Probability Judgements

Presenting Author: Aidan Tee, University of Warwick
 Aidan Tee: University of Warwick; Joakim Sundh: Uppsala University; Adam Sanborn: University of Warwick; Nick Chater: University of Warwick

P1-LL-135: Relative Rank Predicts Judgements About Others' Pro-Environmental Behavior

Presenting Author: Harry D. Coulson, University College London
 Harry D. Coulson: University College London; Adam Harris: University College London

P1-LL-136: Decision Making in Applied Contexts: The Dynamic Relations Between Signals and Stakes

Presenting Author: Jingqi Yu, University of Toronto
 Jingqi Yu: University of Toronto

P1-LL-137: Towards an integration of verbal and formal theories of decisions under risk and uncertainty

Presenting Author: Aaron Benjamin Lob, University of Zurich
 Aaron Benjamin Lob: University of Zurich; Olivia Fischer: University of Zurich; Renato Frey: University of Zurich

P1-LL-138: Do default nudges lead people to make choices inconsistent with their preferences: An experimental investigation

Presenting Author: Shuma Iwatani, The University of Tokyo
 Shuma Iwatani: The University of Tokyo; Hidehito Honda: Otemon Gakuin University; Yurina Otaki: Hitotsubashi University; Kazuhiro Ueda: The University of Tokyo

P1-LL-139: On the nature of recency after rare events in decisions from experience

Presenting Author: Yujia Yang, Max Planck Institute for Human Development
 Yujia Yang: Max Planck Institute for Human Development; Anna Isabel Thoma: Max-Planck-Institute for Human Development; Ralph Hertwig: Max Planck Institute for Human Development; Dirk U Wulff: Max Planck Institute for Human Development

1-LL-140: To observe or to bet? Investigating purely exploratory and purely exploitative actions in children, adults, and computational models.

Presenting Author: Eunice Yiu, UC Berkeley
 Eunice Yiu: UC Berkeley; Kai J Sandbrink: University of Oxford; Alison Gopnik: University of California at Berkeley

P1-LL-141: Cognitive reflection and Normality Identities: two new benchmarks for models of probability judgments

Presenting Author: Jiaqi Huang, Indiana University
 Jiaqi Huang: Indiana University; Jerome Busemeyer: Indiana University; Zo Ebelt: City, University of London; Emmanuel Pothos: City, University of London

P1-LL-142: It's only easy when you know why that's the answer. Measuring conceptual understanding through instruction rechecking

Presenting Author: Thomas C Ormerod, London Metropolitan
 Wendy Ross: London Metropolitan; Thomas C Ormerod: University of Sussex

P1-LL-143: People Need About Five Seconds to be Random: Autocorrelated Sampling Algorithms Can Explain Why

Presenting Author: Lucas Castillo, University of Warwick
 Lucas Castillo: University of Warwick; Pablo Leon Villagra: Brown University; Johanna Falben: University of Amsterdam; Nick Chater: University of Warwick; Adam Sanborn: University of Warwick

P1-LL-144: Revealing the Dynamics of Medical Diagnostic Reasoning as Step-by-Step Cognitive Process Trajectories

Presenting Author: Dominik Battefeld, Research Center Cognitive Interaction Technology (CITEC), Bielefeld University
 Dominik Battefeld: Research Center Cognitive Interaction Technology (CITEC), Bielefeld University; Sigrid Mues: Dpt. of Neurology, Ruhr-Epileptology; Tim Wehner: University Hospital Knappschaftskrankenhaus Bochum, Dept. of Neurology, Ruhr-Epileptology, Bochum

P1-LL-145: Individually-optimal causal structure judgments in a descriptive Bayesian model

Presenting Author: Derek Powell, Arizona State University
 Derek Powell: Arizona State University

P1-LL-146: How beliefs around peers' risk preferences get incorporated into adolescents' decision making

Presenting Author: Yelina Yiyi Chen, Harvard University
 Yelina Yiyi Chen: Harvard University; Gail M Rosenbaum: New York University; Haoxue Fan: Harvard University; Tianxiang Li: Harvard University; John Flournoy: Harvard University; Patrick Mair: Harvard University; Leah Somerville PhD: Harvard University

P1-LL-147: Learning Type-Based Compositional Causal Rules

Presenting Author: Feng Cheng, New York University
 Feng Cheng: New York University; Bob Rehder: New York University

P1-LL-148: Whodunnit? Inferring what happened from multimodal evidence

Presenting Author: **Sarah A Wu**, Stanford University

Sarah A Wu: Stanford University; **Erik Brockbank:** Stanford University; **Hannah Cha:** Stanford University; **Jan-Philipp Fränken:** University of Edinburgh; **Emily Jin:** Stanford University; **Zhuoyi Huang:** Stanford; **Weiyu Liu:** Stanford University; **Ruohan Zhang:** Stanford University

P1-LL-149: Understanding Time in Children's Mind: Development of Mental Timelines on Three-dimensional Axes

Presenting Author: **Jiayu Jiang**, Syracuse University

Jiayu Jiang: Syracuse University; **Yan Gu:** UCL

P1-LL-150: The Cognitive Precursors of Early Developing Essentialist Beliefs

Presenting Author: **Michelle Wang**, New York University

Michelle Wang: New York University; **Yian Xu:** Kennesaw State University; **Kelsey Moty:** New York University; **Marjorie Rhodes:** New York University

P1-LL-151: Do children predict the sunk cost bias if prompted to consider effort and emotion?

Presenting Author: **Claudia G. Sehl**, University of Waterloo

Claudia G. Sehl: University of Waterloo; **Stephanie Denison:** University of Waterloo; **Ori Friedman:** University of Waterloo

P1-LL-152: "I should have known!" How foreseeability influences children's experiences of regret

Presenting Author: **Alicia K Jones**, The University of Queensland

Alicia K Jones: The University of Queensland; **Shalini Gautam:** Boston College; **Jonathan Redshaw:** University of Queensland

P1-LL-153: The Impact of COVID infection on Cognition in 6-12 Year Old Children

Presenting Author: **Lucy Cheke**, University of Cambridge

Lucy G Cheke: University of Cambridge; **Sabine Yeung:** University of Cambridge; **Seraphina Zhang:** University of Cambridge; **Emma JL Weisblatt MRCPsych PhD:** University of Cambridge; **Mirjana Bozic:** University of Cambridge; **Zoe Hemsley:** University of Cambridge;

P1-LL-154: Are toddlers intrinsically motivated to explore their own competence?

Presenting Author: **Bonan Zhao**, Princeton University

Bella Fascendini: Princeton University; **Bonan Zhao:** Princeton University; **Natalia A Vélez:** Princeton University

P1-LL-155: Children use positive prescriptive information when asked to predict random samples

Presenting Author: **Jonathan F. Kominsky**, Central European University

Jonathan F. Kominsky: Central European University; **Joshua Knobe:** Yale University; **Elizabeth Bonawitz:** Harvard Graduate School of Education

P1-LL-156: Not stages, but variability ranges? Cognitive variability bridging complexity science and 'Piaget's new theory'

Presenting Author: **Marije ten Den**, University of Groningen

Marije B. ten Den: University of Groningen; **Lisette De Jonge-Hoekstra:** University of Groningen; **Marijn van Dijk:** University of Groningen; **Jeremy Trevelyan Burman PhD:** University of Groningen; **Ralf F.A. Cox:** University of Groningen

P1-LL-157: The observation of giving induces infants to track individuals

Presenting Author: **Denis Tatone**, Central European University

Denis Tatone: Central European University; **Gergely Csibra:** Central European University; **Jun Yin:** Ningbo University

P1-LL-158: Revisiting the Role of Observational Contexts for Learning Hard Nouns

Presenting Author: **Kosta Boskovic**, University of Connecticut

Kosta Boskovic: University of Connecticut; **Sumarga H. Suanda:** University of Connecticut

P1-LL-159: Young children adapt their search behavior for necessary versus merely possible outcomes

Presenting Author: **Luisa Andreuccioli**, University of California San Diego

Luisa Andreuccioli: University of California San Diego; **Sophie Mazor:** University of California, San Diego; **Katarina Begus:** University of Copenhagen; **Elizabeth Bonawitz:** Harvard University; **Stephanie Denison:** University of Waterloo ; **Caren M. Walker:** University of California San Diego

P1-LL-160: Children's representations of adults' gender stereotypes

Presenting Author: **Mika Asaba**, Yale University

Mika Asaba: Yale University; **Marianna Y. Zhang:** Stanford University; **Julia Anne Leonard:** Yale University

P1-LL-161: Cross-Cultural Insights into Body Part Naming

Presenting Author: **Annika Tjuka**, Max Planck Institute for Evolutionary Anthropology

Annika Tjuka: Max Planck Institute for Evolutionary Anthropology

P1-LL-162: Examining the Relationship Between Selective Attention and the Formation of Learning Traps

Presenting Author: **Yanjun Liu**, University of New South Wales

Yanjun Liu: University of New South Wales; **Ben Newell:** University of New South Wales; **Jaimie E Lee:** University of New South Wales ; **Brett Hayes:** University of New South Wales

P1-LL-163: Rapid parallel processing dynamics during hierarchical category decisions

Presenting Author: **Juliana E. Trach**, Yale University

Juliana E. Trach: Yale University; **Samuel David McDougle:** Yale University

P1-LL-164: Does active learning lead to better teaching of novel perceptual categories?

Presenting Author: Oana Stanciu, Central European University
 Oana Stanciu: Central European University; Jozsef Fiser: Central European University

P1-LL-166: Awareness of Experimentally Created Implicit Attitudes: Large-Scale Tests in Three Paradigms

Presenting Author: Benedek Kurdi, University of Illinois
 Benedek Kurdi: University of Illinois; David Melnikoff: Stanford University; Adam Morris: Princeton University

P1-LL-167: Moderating Effect of Novelty Seeking Trait on the Usefulness Undervaluation Bias in Creative Products Evaluation

Presenting Author: Eline Aya Hattori, Nagoya University
 Eline Aya Hattori: Nagoya University; Mayu Yamakawa: Nagoya University; Kazuhisa Miwa: Nagoya University

P1-LL-168: Using Puzzle Video Games to Study Cognitive Processes in Human Insight and Creative Problem-Solving

Presenting Author: Matthias Scheutz, Tufts University
 Vasanth Sarathy: Tufts University; Nicholas Rabb: Tufts University; Daniel M Kasenberg: Tufts University; Matthias Scheutz: Tufts University

P1-LL-169: Mental Sampling in Preferential Choice: Specifying the Sampling Algorithm

Presenting Author: Jake Spicer, University of Warwick
 Jake Spicer: University of Warwick; Yun-Xiao Li: University of Warwick; Lucas Castillo: University of Warwick; Johanna Falben: University of Amsterdam; Cheng Stella Qian: Psychology; Jian-Qiao Zhu: Princeton University; Nick Chater: University of Warwick;

P1-LL-170: Benford's Law: Testing the Effects of Distributions and Anchors on Number Estimation

Presenting Author: Duyi Chi, The University of Sydney
 Duyi Chi: The University of Sydney; Bruce Burns: The University of Sydney

P1-LL-171: Impact of Latent State Cues on Behavior in Repeated Games

Presenting Author: Ismail Guennouni, University College London
 Ismail Guennouni: University College London; Maarten Speekenbrink: University College London; Kaitlyn Ng: University College London

P1-LL-172: Uncertain Identity Inference in a Biased Media Landscape: An Agent-Based Model of Identity Signalling, Moral Values, and Political Polarisation

Presenting Author: Julie M. E. Pedersen, University of Edinburgh
 Julie Maria Ejby Pedersen: University of Edinburgh; Adam Moore: University of Edinburgh

P1-LL-174: Reaching Consensus through Theory of Mind in Social Networks with Locally Distributed Interactions

Presenting Author: Daphne Barretto, Princeton University
 Daphne Barretto: Princeton University; Raja Marjeh: Princeton University; Tom Griffiths: Princeton University

P1-LL-175: Adapt/Exchange decisions or generic choices: Does framing influence how people integrate qualitatively different risks?

Presenting Author: Romy Müller, Technische Universität Dresden
 Romy Müller: Technische Universität Dresden; Alexander Blunk: Technische Universität Dresden

P1-LL-176: Trust Resilience in Pedagogical Agents: Will Anthropomorphism Help Against Trust Decline?

Presenting Author: Francisca Hapsari, Technische Universität Darmstadt

Francisca Hapsari: Technische Universität Darmstadt; Ronja Isabella Stemler: Technische Universität Darmstadt; Stephanie Pieschl: Technische Universität Darmstadt

P1-LL-177: Coordination in dynamic interactions by converging on tacitly agreed joint plans

Presenting Author: Arthur Le Pargneux, University of Warwick
 Arthur Le Pargneux: University of Warwick; Hossam Zeitoun: University of Warwick; Emmanouil Konstantinidis: University of Warwick; Nick Chater: University of Warwick

P1-LL-178: Social learning functions as an exploration tool in correlated environments

Presenting Author: Alexandra Witt, University of Tübingen
 Alexandra Witt: University of Tübingen; Wataru Toyokawa: RIKEN Center for Brain Science; Kevin N Lala: University of St Andrews; Wolfgang Gaissmaier: University of Konstanz; Charley M Wu: University of Tübingen

P1-LL-179: Intentional commitment as a spontaneous presentation of self

Presenting Author: Shaozhe Cheng, Zhejiang University
 Shaozhe Cheng: Zhejiang University; Jingyin Zhu: Zhejiang University; Jifan Zhou: Zhejiang University; Mowei Shen: Zhejiang University; Tao Gao: University of California - Los Angeles

P1-LL-180: Probability, but not utility, influences repeated mental simulations of risky events

Presenting Author: Yun-Xiao Li, University of Warwick
 Yun-Xiao Li: University of Warwick; Johanna Falben: University of Amsterdam; Lucas Castillo: University of Warwick; Jake Spicer: University of Warwick; Jian-Qiao Zhu: Princeton University; Nick Chater: University of Warwick; Adam Sanborn: University of Wa

P1-LL-181: Logical language and the development of reasoning by the disjunctive syllogism

Presenting Author: Myrto Grigoroglou, University of Toronto
 Myrto Grigoroglou: University of Toronto; Salima Hackeek: University of Toronto; Patricia Ganea: University of Toronto

P1-LL-182: Children spontaneously discover efficient sorting algorithms in a seriation task

Presenting Author: Huiwen Alex Yang, University of California, Berkeley

Huiwen Alex Yang: University of California, Berkeley; Bill Thompson: University of California, Berkeley; Celeste Kidd: University of California, Berkeley

P1-LL-183: The Role of Gender and Curriculum in Mental Rotation & Perspective Taking

Presenting Author: Elena Andonova, New Bulgarian University
Elena Andonova: New Bulgarian University

P1-LL-184: Is outgroup fear contagious? Vicariously acquired fears to outgroup faces resist extinction, but the effect is mitigated by other-oriented empathy

Presenting Author: David Bosch, New York University
David A. Bosch: New York University; Andreas Olsson: Clinical Neuroscience, Division Psychology

P1-LL-185: Event Cognition and Holistic versus Fragmented Remembering and Forgetting

Presenting Author: Gabriel A. Radvansky, University of Notre Dame

Daniela Parra: University of Notre Dame; Nicole Antes: Leibniz-Institut für Wissensmedien; Gabriel A. Radvansky: University of Notre Dame

P1-LL-186: Why are they saying this? The perceived motives behind online posting and their psychological consequences

Presenting Author: Viola Pucci, The University of Melbourne
Viola Pucci: The University of Melbourne; Andrew Perfors: University of Melbourne; Yoshihisa Kashima: University of Melbourne

P1-LL-187: The Pretesting Effect: Exploring the Impact of Feedback and Final Test Timing

Presenting Author: Yeray Mera, University of the Basque Country UPV/EHU

Yeray Mera: University of the Basque Country UPV/EHU; Natalya Dianova: University of the Basque Country UPV/EHU; Eugenia Marin: University of the Basque Country UPV/EHU

P1-LL-189: Co-speech gestures complement motion state information expressed by verbs

Presenting Author: Hina Kimura, Graduate School of Tokyo Denki University

Hina Kimura: Graduate School of Tokyo Denki University; Tetsuya Yasuda: University of Tokyo; Harumi Kobayashi: Tokyo Denki University

P1-LL-190: Effect of similarity and training experiences on new vocabulary learning

Presenting Author: Megan Waller, Carnegie Mellon University

Megan Waller: Carnegie Mellon University; Dan Yurovsky: Carnegie Mellon University; Nazbanou Nozari: Indiana University

P1-LL-191: Semantic and Visual Features Drive the Intrinsic Memorability of Co-Speech Gestures

Presenting Author: Xiaohan (Hannah) Guo, The University of Chicago

Xiaohan (Hannah) Guo: The University of Chicago; Wilma Bainbridge: University of Chicago; Susan Goldin-Meadow: University of Chicago

P1-LL-192: Practicing deception does not make you better at handling it

Presenting Author: Manikya Alister, The University of Melbourne
Manikya Alister: The University of Melbourne; Keith James Ransom: University of Adelaide; Andrew Perfors: University of Melbourne

P1-LL-193: Roles guide rapid inferences about agent knowledge and behavior

Presenting Author: Aaron Baker, Yale University
Aaron Baker: Yale University; Yarrow Dunham: Yale University; Julian Jara-Ettinger: Yale University

P1-LL-194: Exposure to the ideas of others in idea generation

Presenting Author: Sachiko Kiyokawa, The University of Tokyo
Sachiko Kiyokawa: The University of Tokyo

P1-LL-195: Navigating Health Claims on Social Media: Reasoning from Consensus Quantity and Expertise

Presenting Author: Benjamin Paul Simmonds, The University of Adelaide

Benjamin P Simmonds: The University of Adelaide; Keith James Ransom: University of Adelaide; Rachel Stephens: University of Adelaide

P1-LL-197: How taking turns communicates desired equality in social relationships

Presenting Author: Alicia Chen, MIT
Alicia M Chen: MIT; Rebecca Saxe: MIT

P1-LL-198: Sequence patterns in the recall of friendship relations

Presenting Author: Zoran Kovacevic, ETH Zürich
Zoran Kovacevic: ETH Zürich; Christoph Stadfeld: ETH Zürich

P1-OO-199: Assessing the Impact of Cognitive Manipulation Techniques on the Command and Control Process: An Exploration Based on QFD Model

Presenting Author: Yazhou Sun, Military Science Information Research Center

Yazhou Sun: Military Science Information Research Center; Xaosong Li: Military Science Information Research Center

POSTER SESSION 2:

FRIDAY, JULY 26 13:00 - 14:15

P2-A-200: Using mobile fNIRS to explore the development of goal-directed action sequence planning in freely moving preschoolers.

Presenting Author: Lisanne Schroer, Erasmus University Rotterdam

Lisanne Schroer: Erasmus University Rotterdam; Paola Pinti: Birkbeck, University of London; Richard P Cooper: Birkbeck, University of London; Denis Mareschal: Birkbeck, University of London

P2-A-201: If it looks like online control, it is probably model-based control

Presenting Author: Dominik Straub, Technical University of Darmstadt

Dominik Straub: Technical University of Darmstadt; Constantin Rothkopf: Technical University of Darmstadt

P2-A-202: The role of spatial knowledge in the on-line control of high-speed steering

Presenting Author: Grace Catherine Roessling, Rensselaer Polytechnic Institute

Grace Roessling: Rensselaer Polytechnic Institute; Brett Fajen: Rensselaer Polytechnic Institute

P2-C-203: Assessing Common Ground through Language-based Cultural Consensus in Humans and Large Language Models

Presenting Author: Sophie Domanski, University of Maryland

Sophie Domanski: University of Maryland; Rachel Rudinger: University of Maryland College Park; Marine Carpuat: University of Maryland; Patrick Shafto: Rutgers University - Newark; Yi Ting Huang: University of Maryland College Park

P2-C-204: Ecological relativity of spatial cognition: Humans think about space egocentrically in urban environments

Presenting Author: Tyler Marghetis, University of California, Merced

Tyler Marghetis: University of California, Merced; Alyssa Viviana Ortega: University of California, Merced; Kevin J. Holmes: Reed College

P2-C-205: Understanding exact large number is possible in Amazonian languages

Presenting Author: Vera da Silva Sinha, University of Oxford

Vera Da Silva Sinha: University of Oxford; Wary Kamaiura Sabino: Secretaria Estadual de Educação; Silke M. Göbel: University of York; Asifa Majid: University of Oxford

P2-C-206: Human Perceptions of Canine Intelligence

Presenting Author: Miriam A. Ross, Daphna Buchsbaum, Bertram F. Malle, Brown University

Miriam Ross: Brown University ; Daphna Buchsbaum: Brown University; Bertram F. Malle: Brown University

P2-C-207: Eyes On the Past: visual exploration of Upper Palaeolithic cave art

Presenting Author: Frederieke Nicole Wullf; Sara Kjær Kristensen, Aarhus University

Frederieke Nicola Wullf: Aarhus University; Sara Kjær Kristensen: Aarhus University; Isobel Wisher: Aarhus University; Kristian Tylen: Aarhus University

P2-C-208: Is magnetoreception experience-dependent in humans?

Presenting Author: Yağmur Deniz Kışa, Max Planck Institute for Evolutionary Anthropology

Yağmur Deniz Kışa: Max Planck Institute for Evolutionary Anthropology; Roman Stengelin: Max Planck Institute for Evolutionary Anthropology; Luke Maurits: Max Planck Institute for Evolutionary Anthropology; Daniel Benjamin Moritz Haun: Max Planck Institute

P2-C-209: Rates of Spiritual Presence Events

Presenting Author: Eleanor B. Schille-Hudson, Stanford University

Eleanor Brower Schille-Hudson: Stanford University; Kara Weisman: University of California, Riverside; Tanya Luhrmann: Stanford

P2-C-210: Perceptual Similarity and the Relationship Between Folk and Scientific Bird Classification

Presenting Author: Zoë Amanda Wilson, University of Melbourne

Zoë Amanda Wilson: University of Melbourne; Charles Kemp: University of Melbourne

P2-D-211: Who, Where, and When: A Cross-cultural Analysis of Situational Changes in Comics

Presenting Author: Bien Klomberg, Tilburg University

Bien Klomberg: Tilburg University; Irmak Hacımusaoglu: Tilburg University; Neil Cohn: Tilburg University

P2-D-212: Estimating a Time Series of Interpretation Indeterminacy in Reading a Short Story Using a Quantum Cognition Model

Presenting Author: Miho Fuyama, Ritsumeikan University

Miho Fuyama: Ritsumeikan University

P2-E-213: Relating Hopfield Networks to Episodic Control

Presenting Author: Hugo Chateau-Laurent, Inria centre at the university of Bordeaux

Hugo Chateau-Laurent: Inria centre at the university of Bordeaux; Frederic Alexandre: Inria centre at the university of Bordeaux

P2-E-214: Dynamic Causal Graph-Based Learning Approach for Predicting Cognitive Impairment in Middle-Aged and Older Adults

Presenting Author: Linna Wang, College of Computer Science, Sichuan University

Linna Wang: College of Computer Science, Sichuan University; **Xinyu Guo:** Department of Health Policy and Management, West China School of Public Health and West China Fourth Hospital, Sichuan University; **Yunyi Zhou:** College of Computer Science, Sichuan Uni

P2-E-215: Prediction of Users Perceptual State for Human-Centric Decision Support Systems in Complex Domains through Implicit Cognitive State Modeling

Presenting Author: Sergey Kovalchuk, Huawei

Sergey Kovalchuk: Huawei; Ashish Tara Shivakumar Ireddy: ITMO University

P2-E-216: Generative Semantic Transformation Process: A Case Study in Goal Prediction via Online Bayesian Language Inference

Presenting Author: John Muchovej, Yale University

Lorenss Martinsons: Yale University; **John Muchovej:** Yale University; **Ilker Yildirim:** Yale University

P2-E-217: Meta-learning emotional control in bandit tasks

Presenting Author: Prakhar Godara, TU Darmstadt

Prakhar Godara: TU Darmstadt

P2-E-218: Deep learning and the rules and statistics debate in cognitive science, applied to a simple case

Presenting Author: Juan C. Valle-Lisboa, Universidad de la República

Juan C Valle-Lisboa: Universidad de la República

P2-E-219: Evaluating human and machine understanding of data visualizations

Presenting Author: Arnav Verma, Stanford University

Arnav Verma: Stanford University; **Kushin Mukherjee:** University of Wisconsin-Madison; **Christopher Potts:** Stanford University; **Elisa Kreiss:** University of California, Los Angeles; **Judith E. Fan:** Stanford University

P2-E-220: Human feedback makes Large Language Models more human-like

Presenting Author: Pablo Contreras Kallens, Saarland University

Pablo Contreras Kallens: Saarland University; **Ross Deans Kristensen-McLachlan:** Aarhus University; **Morten Christiansen:** Cornell University

P2-E-221: Using Counterfactual Tasks to Evaluate the Generality of Analogical Reasoning in Large Language Models

Presenting Author: Martha Lewis, University of Bristol

Martha Lewis: University of Bristol; **Melanie Mitchell:** Santa Fe Institute

P2-E-222: Developing Object Permanence from Videos

Presenting Author: Martin V. Butz, University of Tübingen

Frederic Becker: University of Tübingen; **Manuel Traub:** Eberhard Karls University of Tübingen; **Sebastian Otte:** University of Lübeck; **Martin V. Butz:** University of Tuebingen

P2-E-223: The alignment problem in curriculum learning

Presenting Author: Patrick Shafto, Rutgers University - Newark

Patrick Shafto: Rutgers University - Newark; **Benjamin Sheller:** Rutgers University - Newark

P2-E-224: Towards Conscious RL Agents By Construction

Presenting Author: Asen Nachkov, INSAIT, Sofia University

Asen Nachkov: INSAIT, Sofia University

P2-E-225: Bridging the Measurement Gap: a Large Language Model Method of Assessing Open-Ended Question Complexity

Presenting Author: Tuval Raz, Technion - Israel Institute of Technology

Tuval Raz: Technion - Israel Institute of Technology; **Simone Luchini:** Pennsylvania State University; **Roger Beaty:** Pennsylvania State University; **Yoed Kenett:** Technion - Israel Institute of Technology

P2-E-226: CogSimulator: A Model for Simulating User Cognition & Behavior with Minimal Data for Tailored Cognitive Enhancement

Presenting Author: Bian Weizhen, Zhou Yubo, HKUST

Weizhen Bian: HKUST; **Yubo Zhou:** HKBU; **Yuanhang Luo:** PolyU; **Ming Mo:** LSE; **Siyan Liu:** NUS; **Yikai Gong:** HKBU; **Ziyuan Luo:** HKBU; **Aobo Wang:** NUS; **Renjie Wan:** HKBU

P2-E-227: Towards a Metacognitive Reinforcement Learning Approach for Planning in Adaptive Learning Systems

Presenting Author: Laura Marquez, Universidad de Antioquia

Laura Marquez: Universidad de Antioquia

P2-E-228: Channel-adaptive Graph Convolution based Temporal Encoder Network for EEG Emotion Recognition

Presenting Author: Renxi Guo, Nanchang University

Renxi Guo: Nanchang University; **Hong Rao:** Nanchang University; **Panfeng An:** Shanghai Jiaotong University; **Wenying Duan:** School of Mathematics and Computer Sciences; **Shengbo Chen:** Henan University; **Gang Luo:** Nanchang University

P2-E-229: Decoding Emotions in Abstract Art: Cognitive Plausibility of CLIP in Recognizing Color-Emotion Associations

Presenting Author: Hanna-Sophia Widhoelzl, University of Amsterdam

Hanna-Sophia Widhoelzl: University of Amsterdam; **Ece Takmaz:** Utrecht University

P2-E-230: UNIFIT: A Unified Framework For Instruction Tuning To Improve Instruction Following Ability For Large Language Models

Presenting Author: **Qiang Huang**, Xinjiang university

Qiang Huang: Xinjiang university; **Feng Huang:** Xinjiang university; **DeHao Tao:** Tsinghua University; **BingKun Wang:** Zhengzhou College of Finance and Economics; **YongFeng Huang:** TsingHua University

P2-E-231: Grounding Language about Belief in a Bayesian Theory-of-Mind

Presenting Author: **Tan Zhi-Xuan**, Harvard University

Lance Ying: Harvard University; **Tan Zhi-Xuan:** Massachusetts Institute of Technology ; **Lionel Wong:** Massachusetts Institute of Technology; **Vikash Mansinghka:** MIT; **Josh Tenenbaum:** MIT

P2-E-232: Harmonizing Program Induction with Rate-Distortion Theory

Presenting Author: **Hanqi Zhou**, David G. Nagy, University of Tübingen

Hanqi Zhou: University of Tübingen; **David G. Nagy:** University of Tübingen; **Charley M Wu:** University of Tübingen

P2-E-233: Creating Meaningful Word Vectors and Examining their use as Representations of Word Meaning

Presenting Author: **Jerry T. Ball**, Independent

Jerry T. Ball: Independent; **Stuart Rodgers:** Institute for Defense Analyses; **Roger Schvaneveldt:** Independent Researcher; **Alan Ball:** Independent Researcher

P2-E-234: Pragmatic Reasoning in GPT Models: Replication of a Subtle Negation Effect

Presenting Author: **Francesca Capuano**, University of Tübingen

Francesca Capuano: University of Tübingen; **Barbara Kaup:** University of Tübingen

P2-E-235: Multi-Agent Communication With Multi-Modal Information Fusion

Presenting Author: **Han Wang**, Xidian University

Han Wang: Xidian University; **Yufeng Xie:** Xidian University; **BingCheng He:** Xidian University; **Prof. Qingshan Li:** Xidian University

P2-E-236: Learning Part-whole Hierarchies from the Sequence of Handwriting

Presenting Author: **Meng Li**, University of Potsdam

Meng Li: University of Potsdam; **David Schlangen:** University of Potsdam; **Dietrich Klakow:** Saarland University

P2-E-237: Parallels between Neural Machine Translation and Human Memory Search: A Cognitive Modeling Approach

Presenting Author: **Nikolaus Salvatore**, Rutgers University

Nikolaus Salvatore: Rutgers University; **Qiong Zhang:** Rutgers University - New Brunswick

P2-E-238: Learning to Abstract Visuomotor Mappings using Meta-Reinforcement Learning

Presenting Author: **Carlos A. Velazquez-Vargas**, Princeton University

Carlos Alan Velazquez-Vargas: Princeton University; **Isaac Christian:** Princeton University; **Jordan Taylor:** Princeton University; **Sreejan Kumar:** Princeton Neuroscience Institute

P2-E-239: The Dynamics of Cooperation with Commitment in A Population of Heterogeneous Preferences--An ABM Study

Presenting Author: **Jiang Zheng**, Beijing University of Posts and Telecommunications

Wei Wang: Beijing University of Posts and Telecommunications; **Luzhan Yuan:** Beijing University of Posts and Telecommunications; **Zheng Jiang:** Beijing University of Posts and Telecommunications; **Gaowei Zhang:** Beijing University of Posts and Telecommunication

P2-E-240: Rethinking AI: Moving Beyond Humans as Exclusive Creators

Presenting Author: **Renee Ye**, Ruhr-Universität Bochum

Renee Ye: Ruhr-Universität Bochum

P2-E-241: Representation in Large Language Models

Presenting Author: **Cameron C. Yetman**, University of Toronto

Cameron C Yetman: University of Toronto

P2-E-242: Does Explainable AI Need Cognitive Models?

Presenting Author: **Céline Budding**, Eindhoven University of Technology

Céline Budding: Eindhoven University of Technology; **Carlos Zednik:** Eindhoven University of Technology

P2-E-243: AI Advice-Taking in Financial Decision-Making: The Role of Preference on Advice Integration

Presenting Author: **Constanza Musso**, City, University of London

Constanza Musso: City, University of London

P2-E-244: An Infant-Cognition Inspired Machine Benchmark for Identifying Agency, Affiliation, Belief, and Intention

Presenting Author: **Wenjie Li**, New York University

Wenjie Li: New York University; **Shannon C Yasuda:** New York University; **Moira Rose Dillon:** New York University; **Brenden Lake:** NYU

P2-E-245: Implementing Self Models Through Joint-Embedding Predictive Architecture

Presenting Author: **Dezhi Luo**, University of California, Santa Barbara

Frances Jiang: University of California, Santa Barbara; **Dezhi Luo:** University of Michigan

P2-E-246: The impact of Inter Stimulus Interval on Semantic Priming: hysteresis or adaptation? A SOM neural network model

Presenting Author: **Valentina Gliozi**, University of Torino
Valentina Gliozi: University of Torino

P2-E-247: Analyzing the Benefits of Prototypes for Semi-Supervised Category Learning

Presenting Author: **Liyi Zhang**, Princeton University
Liyi Zhang: Princeton University; **Logan Richard Nelson**: Princeton University; **Tom Griffiths**: Princeton University

P2-E-248: Creative goal generation in humans and language models

Presenting Author: **Junyi Chu**, Harvard University
Junyi Chu: Harvard University; **Jennifer Hu**: Harvard University; **Tomer D. Ullman**: Harvard University

P2-E-249: Stick to your Role! Stability of Personal Values Expressed in Large Language Models

Presenting Author: **Grgur Kovač**, INRIA
Grgur Kovač: INRIA; **Rémy Portelas**: Ubisoft; **Masataka Sawayama**: The University of Tokyo; **Peter Ford Dominey**: Universite Bourgogne; **Pierre-Yves Oudeyer**: INRIA

P2-E-250: Different Trajectories through Option Space in Humans and LLMs

Presenting Author: **Alina Dracheva**, Dartmouth College
Alina Dracheva: Dartmouth College; **Jonathan Phillips**: Dartmouth College

P2-E-251: How does working memory predict errors in Human-AI Interaction?

Presenting Author: **Dr Anna-Stiina Wallinheimo**, University of Surrey
Anna-Stiina Wallinheimo: University of Surrey; **Dr Simon Evans**: University of Surrey; **Elena Davitti**: University of Surrey

P2-E-252: The Wisdom of Partisan Crowds: Comparing Collective Intelligence in Humans and LLM-based Agents

Presenting Author: **Timothy T Rogers**, University of Wisconsin - Madison
Yun-Shiuan Chuang: University of Wisconsin - Madison; **Nikunj Harlalka**: University of Wisconsin - Madison; **Siddharth Suresh**: University of Wisconsin-Madison; **Agam Goyal**: University of Wisconsin - Madison; **Robert Hawkins**: University of Wisconsin - Madison;

P2-E-253: Do Saliency-Based Explainable AI Methods Help Us Understand AI's Decisions? The Case of Object Detection AI

Presenting Author: **Ruoxi Qi**, University of Hong Kong
Ruoxi Qi: University of Hong Kong; **Guoyang Liu**: Shandong University; **Jindi Zhang**: Huawei; **Janet Hsiao**: Hong Kong University of Science & Technology

P2-E-254: Dissociated Responses to AI: Persuasive But Not Trustworthy?

Presenting Author: **Bertram F. Malle**, Brown University
Zeynep Aydin: Brown University; **Bertram F. Malle**: Brown University

P2-E-255: GPT-ology, Alien Intelligences, Existence Proofs: How should we think about LLMs in Cognitive Science?

Presenting Author: **Desmond Ong**, The University of Texas at Austin
Desmond Ong: The University of Texas at Austin

P2-E-256: Large Language Models Show Human-Like Abstract Thinking Patterns: A Construal-Level Perspective

Presenting Author: **Seung Joo Yoo**, Seoul National University
Seung Joo Yoo: Seoul National University; **Sangah Lee**: Seoul National University

P2-E-257: A Relational Inductive Bias for Dimensional Abstraction in Neural Networks

Presenting Author: **Declan Campbell**, Princeton University
Declan I. Campbell: Princeton University; **Jonathan Cohen**: Princeton University

P2-F-258: Development and Validation of the Facial Expression Intensity Stimulus Set (FEISS)

Presenting Author: **Gerly Tamm**, Ghent University
Gerly Tamm: Ghent University

P2-F-259: Visual selective attention: Priority is all you need

Presenting Author: **Raul Grießen**, Ruhr-Universität Bochum
Raul Grießen: Ruhr-Universität Bochum; **John Spencer**: University of East Anglia; **Gregor Schöner**: Ruhr-Universität Bochum

P2-F-260: Visual saliency predicts gaze during real-world driving task

Presenting Author: **Richard Veale**, Kyoto University
Richard E Veale: Kyoto University; **Kenji Murase**: Mazda Motor Corporation; **Masayuki Watanabe**: Mazda Motor Corporation; **Tadashi Isa**: Kyoto University

P2-M-261: Understanding Expertise in Elite Competitive eSports: A Comparison of Approaches to Scalable Dimensionality Reduction

Presenting Author: **Noah Phillips**, Rensselaer Polytechnic Institute
Noah Phillips: Rensselaer Polytechnic Institute; **Chris R. Sims**: Rensselaer Polytechnic Institute

P2-J-262: Without his cookies, he's just a monster: a counterfactual simulation model of social explanation

Presenting Author: Erik Brockbank, Stanford University

Erik Brockbank: Stanford University; **Justin Yang:** Stanford University; **Mishika Govil:** Stanford University; **Judith E. Fan:** Stanford University; **Tobias Gerstenberg:** Stanford University

P2-K-263: Assessment of Multiple Systemic Human Cognitive States using Eye Gaze

Presenting Author: Ayca Aygun, Tufts University

Ayca Aygun: Tufts University; **Thuan Nguyen:** Worcester Polytechnic Institute; **Matthias Scheutz:** Tufts University

P2-K-264: Characterizing Contextual Variation in Children's Preschool Language Environment Using Naturalistic Egocentric Videos

Presenting Author: Robert Z. Sparks, Stanford University

Robert Z. Sparks: Stanford University; **Bria Long:** Stanford University; **Grace E Keene:** Stanford University; **Malia J. Perez:** Stanford University; **Alvin Wei Ming Tan:** Stanford University; **Virginia A Marchman:** Stanford University; **Michael C. Frank:** Stanford U

P2-L-265: State-Independent and State-Dependent Learning in a Motivational Go/NoGo task

Presenting Author: Azadeh Nazemorroaya, Computational Neuroscience, Max Planck Institute for Biological Cybernetics

Azadeh Nazemorroaya: Computational Neuroscience, Max Planck Institute for Biological Cybernetics; **Dan Bang:** Aarhus University; **Peter Dayan:** Max Planck Institute for Biological Cybernetics

P2-L-266: Using Vector Symbolic Architectures for Distributed Action Representations in a Spiking Model of the Basal Ganglia

Presenting Author: Madeleine Bartlett, University of Waterloo

Madeleine Bartlett: University of Waterloo; **Michael Furlong:** University of Waterloo; **Terrence C Stewart:** University of Waterloo; **Jeff Orchard:** University of Waterloo

P2-L-267: Objectifying Gaze: an empirical study with non-sexualized images

Presenting Author: Ayushi Agrawal, International Institute of Information Technology, Hyderabad

ayushi kumari agrawal: International Institute of Information Technology, Hyderabad; **Srija Krishna Bhupathiraju:** International Institute Of Information Technology; **Kavita Vemuri:** International Institute of Information Technology - Hyderabad

P2-L-269: Differential Neural Correlates of EEG Mediate the Impact of Internally and Externally Directed Attention in a Dual-task Working Memory Paradigm

Presenting Author: Ankit Yadav, National Brain Research Centre

Ankit Yadav: National Brain Research Centre; **Dr. Arpan Banerjee:** National Brain Research Centre (NBRC); **Dr. Dipanjan Roy:** Indian Institute of Technology Jodhpur

P2-L-270: Unlocking the Brain's Clock: the effects of transauricular vagus nerve stimulation on time processing.

Presenting Author: Maria Luisa De Martino, Sapienza University of Rome

Maria Luisa De Martino: Sapienza University of Rome; **Erik Leemhuis:** Sapienza University of Rome; **Angelica Scuderi:** Sapienza University of Rome; **Mariella Pazzaglia:** Sapienza University of Rome

P2-L-271: Neurally Enhanced Control over Social Avoidance during Public Speaking Exposure in Social Anxiety

Presenting Author: Davide Ahmar, Donders Institute

Mariana Carneiro de Andrade: Donders Institute; **Davide Ahmar:** Donders Institute; **Nina Dijkstra:** Radboud University; **Sjoerd Meijer:** Donders Institute; **Bob Bramson:** Donders Institute; **Moniek Hutschemaekers:** Pro Persona; **Mirjam Kampman:** Pro Persona; **Ivan Toni:** Radboud University; **Karin Roelofs:** Donders Institute

P2-L-272: Grey and white matter metrics demonstrate distinct and complementary prediction of differences in cognitive performance in children: Findings from ABCD (N= 11 876)

Presenting Author: Lea Michel, Radboud university medical center, Donders Institute for Brain, Cognition and Behaviour

Lea Michel: Radboud university medical center, Donders Institute for Brain, Cognition and Behaviour; **Ethan McCormick:** Leiden University; **Rogier A Kievit:** Radboud university medical center, Donders Institute for Brain, Cognition and Behaviour

P2-L-273: Children Track Probabilistic Information in Speech Differently from Adults

Presenting Author: Zhenghan Qi, University of Delaware

Yi-Lun Weng: University of Delaware; **Julie Schneider:** Louisiana State University; **Zhenghan Qi:** Northeastern University

P2-L-274: Double Dissociations Emerge in a Flat Attractor Network

Presenting Author: Ihintza Malharin, BCBL: Basque Center on Cognition, Brain and Language

Ihintza Malharin: BCBL: Basque Center on Cognition, Brain and Language; **Simona Mancini:** Basque Center on Cognition, Brain and Language; **James Magnuson:** University of Connecticut

P2-L-275: Neurodegenerative constraints in stimulus-driven eye movements

Presenting Author: Santa Bartuševica, University of Latvia

Santa Bartuševica: University of Latvia; **Jurgis Skilters:** University of Latvia; **Liga Zarina:** University Of Latvia; **Solvita Umbrasko:** University of Latvia; **Laura Zelge:** University of Latvia; **Ardis Platkājis:** Riga Stradiņs University; **Agnese Anna Pastare:** R

P2-L-276: The Emergence of Utility from Episodic Memory in a Model of Decision-Making Under Risk

Presenting Author: **David C. Noelle**, University of California, Merced

Rebecca Sullivan: University of California, Merced; **Hoshmand Malaie**: University of California, Merced; **David C. Noelle**: University of California, Merced

P2-L-277: Optimal mental representation of social networks explains biases in social learning and perception

Presenting Author: **Yulin Dong**, Lusha Zhu, Peking University

Yulin Dong: Peking University; **Xiyuan Wang**: Peking University; **Yaomin Jiang**: Max Planck Institute for Human Development; **Muhan Zhang**: Peking University; **Lusha Zhu**: Peking University

P2-L-278: Self-other dynamics in spontaneous interpersonal synchronization.

Presenting Author: **Kyveli Kompatsiari**, Technical University of Denmark

Kyveli Kompatsiari: Technical University of Denmark; **Marius Zimmermann**: Institute of Psychology; **Aliaksandr Dabranau**: Technical University of Denmark; **Qianliang Li**: Technical University of Denmark; **Ivana Konvalinka**: Technical University of Denmark

P2-L-279: Form Perception as a Bridge to Real-World Functional Proficiency

Presenting Author: **Dr. Shlomit Ben-Ami**, Massachusetts Institute of Technology

Shlomit Ben-Ami: Massachusetts Institute of Technology; **Vishakha Shukla**: New York University; **Priti Gupta**: Dr. Shroff's Charity Eye Hospital; **Pragya Shah**: Dr. Shroff's Charity Eye Hospital; **Dr. Chetan Ralekar**: Massachusetts Institute of Technology; **Dr. Su**

P2-L-280: Transcranial magnetic stimulation of primary motor cortex does not change meaning construction from action sentences

Presenting Author: **Pablo Solana**, University of Granada

Pablo Solana: University of Granada; **Omar Escámez**: University of Granada; **Daniel Casasanto**: Cornell University; **Ana B. Chica**: University of Granada; **Julio Santiago**: University of Granada

P2-L-281: Dynamic self-efficacy updating as a computational mechanism of mania emergence

Presenting Author: **Jing Li**, Icahn School of Medicine at Mount Sinai

Jing Li: Icahn School of Medicine at Mount Sinai; **Angela Radulescu**: Icahn School of Medicine at Mount Sinai

P2-L-282: The role of friendship in dynamic group coordination

Presenting Author: **Qianliang Li**, Technical University of Denmark

Qianliang Li: Technical University of Denmark; **Kyveli Kompatsiari**: Technical University of Denmark; **Aliaksandr Dabranau**: Technical University of Denmark; **Ivana Konvalinka**: Technical University of Denmark

P2-L-283: Modeling infant cortical tracking of statistical learning in simple recurrent networks

Presenting Author: **James S. Magnuson**, Ohio State University

Qihui Xu: Ohio State University; **Guro Stensby Sjuls**: Norwegian University of Science and Technology; **Marina Kalashnikova**: Basque Center on Cognition, Brain and Language; **James Magnuson**: University of Connecticut

P2-L-284: The influence of global context and classifier-noun congruency on Chinese predictive sentence processing

Presenting Author: **Zhenlin Chen**, Leiden University

Zhenlin Chen: Leiden University; **Leticia Pablos Robles**: Leiden University; **Niels O. Schiller**: City University of Hong Kong

P2-L-285: Neural oscillatory and ERP indices of prediction in emotional speech

Presenting Author: **Natálie Kikoťová**, Charles University

Natálie Kikoťová: Charles University; **Katerina Chladkova**: Institute of Psychology, Czech Academy of Sciences

P2-L-286: Influence of cognitive abilities on literacy skills in a Chinese-English bilingual child with developmental dyslexia

Presenting Author: **Catherine Shee-hei Wong**, Hong Kong Metropolitan University

Catherine Shee-hei Wong: Hong Kong Metropolitan University; **Dr Emily Ge Hao-yan**: Hong Kong Metropolitan University

P2-L-287: Neural Activities in Intentional Motor Switching after Coordinating Bodily Motions in Pairs

Presenting Author: **Masayuki Fujiwara**, Komatsu University

Masayuki Fujiwara: Komatsu University; **Kosei Shibata**: Kyushu Institute of Technology; **Takashi Hashimoto**: Japan Advanced Institute of Science and Technology; **Hiroaki Wagatsuma**: Kyushu Institute of Technology

P2-L-288: Semantic Processing Modulates the Attentional Accessibility of Verbal and Nonverbal Search Targets

Presenting Author: **Marika Mauti**, Sapienza University of Rome

Marika Mauti: Sapienza University of Rome; **Giorgia D'Innocenzo**: Universidade de Lisboa; **Antimo Buonocore**: Suor Orsola Benincasa University; **Moreno I. Coco**: Sapienza, University of Rome

P2-L-289: Influence of mantra meditation on intensity mismatch negativity

Presenting Author: **Chandan Srivastava**, IIT Bombay

Chandan Srivastava: IIT Bombay; **Jamie A O'Reilly**: King Mongkut's Institute of Technology Ladkrabang; **Rashmi Gupta**: IIT Bombay

P2-L-290: The neural basis of Event Segmentation Theory during naturalistic perception: stable neural activity patterns throughout the cortex

Presenting Author: **Djamari Oetringer**, Donders Institute

Djamari Oetringer: Donders Institute; **Dora Gozukara**: Donders Institute; **Umut Guclu**: Radboud University; **Linda Geerligs**: Radboud University

P2-L-291: Effect of Fatigue on Word Production in Aphasia

Presenting Author: Daniel Mirman, University of Edinburgh
Daniel Mirman: University of Edinburgh; **Anna Krason:** Moss Rehabilitation Research Institute; **Malathi Thothathiri:** George Washington University; **Erica Middleton:** Moss Rehabilitation Research Institute

P2-L-292: Attraction and repulsion effects of expectation on the perception of acceleration.

Presenting Author: Nick Simpson, UCL
Nick Simpson: UCL; **Matan Mazor:** University of Oxford; **Kirsten Rittershofer:** Birkbeck, University College London; **Emma K. Ward:** UCL; **Clare Press:** UCL

P2-L-293: Dissociable neurocognitive signatures in scene perception

Presenting Author: Neil Cohn, Tilburg University
Neil Cohn: Tilburg University; **Tom Foulsham:** University of Essex

P2-L-294: The role of transauricular vagus nerve stimulation in balancing autonomic systems during cognitive tasks

Presenting Author: Erik Leemhuis, Sapienza University of Rome
Erik Leemhuis: Sapienza University of Rome; **Maria Luisa De Martino:** Sapienza University of Rome; **Angelica Scuderi:** Sapienza University of Rome; **Mariella Pazzaglia:** Sapienza University of Rome

P2-L-295: An inductive bias for slowly changing features in human reinforcement learning

Presenting Author: Noa L. Hedrich, Max Planck Institute for Human Development
Noa L. Hedrich: Max Planck Institute for Human Development; **Eric Schulz:** Max Planck Institute for Biological Cybernetics; **Sam Hall-McMaster:** Harvard University; **Nicolas Schuck:** Universität Hamburg

P2-L-296: Bayesian-like Decision-Making Behavior in Visual Search

Presenting Author: Mathi Manavalan, University of Minnesota - Twin Cities
Mathi Manavalan: University of Minnesota - Twin Cities; **Vanessa G Lee:** University of Minnesota; **Iris Vilares:** University of Minnesota

P2-L-297: "Apples to Oranges" - Evaluating Reaction Time measures as paradigm to contrast expert vs. novice performance in complex, dynamic task environments.

Presenting Author: Alexander Lutsevich, Rensselaer Polytechnic Institute
Alexander Lutsevich: Rensselaer Polytechnic Institute

P2-L-298: Neural evidence of visual-spatial influence on aural-verbal processes

Presenting Author: Elizabeth Fox, Air Force Research Laboratory
Elizabeth Fox: Air Force Research Laboratory; **Margaret Ugolini:** BAE Systems, Inc., Space & Mission Systems; **Ashley D Cook:** Air Force Research Laboratory; **Gregory Bowers:** BAE Systems, Inc., Space & Mission Systems

P2-L-299: A Computational Framework to Account for Attention in Multi-attribute Decisions

Presenting Author: Amir Hosein Hadian Rasanan, Basel University
Amir Hosein Hadian Rasanan: Basel University; **Sebastian Gluth:** University of Hamburg; **Jörg Rieskamp:** University of Basel

P2-L-300: Cognitive Performance in Students: Focus on Lifestyle Factors, Brain Activity & Meditation Intervention

Presenting Author: Anuradha Batabyal and Shriya Parekh, FLAME University
Shriya Parekh: FLAME University ; **Shruti Goyal:** FLAME University; **Anuradha Batabyal:** FLAME University

P2-L-301: ADHD in adults and emotion regulation functioning

Presenting Author: Jorge Alfredo Flores-Torres, Pontificia Universidad Católica de Chile
Jorge A Flores: Pontificia Universidad Católica de Chile; **J I Amaro-Fuenzalida:** Pontificia Universidad Católica de Chile; **Isabella Fioravante:** Pontificia Universidad Católica de Chile

P2-L-302: Modeling Cognitive Strategies in Teaching: Integrating Theory of Mind and Heuristics

Presenting Author: Sevan Khoy Harootonian, Princeton University
Sevan Khoy Harootonian: Princeton University; **Yael Niv:** Princeton University; **Tom Griffiths:** Princeton University ; **Mark K Ho:** Stevens Institute of Technology

P2-L-303: Which pairs coordinate and which do not?

Presenting Author: Seiya Nakata, International Research Center for Neurointelligence, The University of Tokyo
Seiya Nakata: International Research Center for Neurointelligence, The University of Tokyo; **Yukie Nagai:** The University of Tokyo

P2-L-304: Interleaving Benefits Category Learning But Not Item Memory

Presenting Author: Ezgi Melisa Yuksel, University of Wisconsin-Madison
Ezgi Melisa Yüksel: University of Wisconsin-Madison; **Melina Lauryn Knabe:** University of Wisconsin-Madison; **C. Shawn Green:** University of Wisconsin-Madison; **Haley Vlach:** University of Wisconsin-Madison

P2-L-305: The role of anxiety in learning under uncertainty in social and non-social contexts

Presenting Author: Ili Ma, Leiden University
Selin Topel: Leiden University; **Ili Ma:** Leiden University; **Henk van Steenbergen:** Leiden University; **Anna C. K. van Duijvenvoorde:** Leiden University; **Ellen de Brujin:** Leiden University

P2-L-306: Uncertainty affects planning effort, but not plansPresenting Author: **Jordan Lei**, New York University**Jordan Lei**: New York University; **Wei Ji Ma**: New York University**P2-L-307: The neural dynamics of sudden insight in social perception**Presenting Author: **Martin Maier**, Humboldt-Universität zu Berlin**Martin Maier**: Humboldt-Universität zu Berlin; **Rasha Abdel****Rahman**: Humboldt-Universität zu Berlin**P2-L-308: Investigating the longevity of real-world memory following a smartphone intervention in older adults: A multi-year follow-up study**Presenting Author: **Bryan Hong**, University of Toronto**Bryan Hong**: University of Toronto; **Miranda Chang**: University of Toronto; **Eliza McCann**: University of Toronto; **Morgan Barese**: University of Toronto**P2-L-309: On the Benefits of Heterogeneity in Cognitive Stability and Flexibility for Collaborative Task Switching**Presenting Author: **Alessandra Brondetta**, University of Turin**Alessandra Brondetta**: University of Turin; **Anastasia Bizyaeva**: University of Washington; **Maxime Lucas**: CENTAI Institute; **Giovanni Petri**: Northeastern University London; **Sebastian Musslick**: Brown University**P2-L-311: Visual behavior during spatial exploration explains individual differences in performance of spatial navigation tasks**Presenting Author: **Jasmin L. Walter**, University of Osnabrück**Jasmin L. Walter**: University of Osnabrück; **Vincent Schmidt**: University of Osnabrück; **Sabine U. König**: University of Osnabrück; **Peter König**: University of Osnabrück**P2-M-312: Cognitive Models for Abacus Gesture Learning**Presenting Author: **Farnaz Tehranchi**, The Pennsylvania State University**Lingyun He**: The Pennsylvania State University; **Duk Hee Ka**: The Pennsylvania State University; **Md Ehtesham-Ul-Haque**: Pennsylvania State University; **Syed Masum Billah**: Pennsylvania State University; **Farnaz Tehranchi**: The Pennsylvania State University**P2-M-313: Estimating the growth of functions**Presenting Author: **Vijay Marupudi**, Georgia Tech**Vijay Marupudi**: Georgia Tech; **Jeffrey K. Bye**: University of Minnesota; **Sashank Varma**: Georgia Tech**P2-M-314: GeoGami: A Research Software for Training and Measuring Navigational Map Reading Competence**Presenting Author: **Angela Schwering**, University of Muenster**Angela Schwering**: University of Muenster; **Mitko Aleksandrov**: The Institute for Geoinformatics (ifgi); **Youcef Qamaz**: Institute for Geoinformatics**P2-M-315: Investigating the Relationship Between Surprisal and Processing in Programming Languages**Presenting Author: **Nicole Dodd**, University of California, Davis**Nicole Dodd**: University of California, Davis; **Skyler Jove Reese**: University of California, Davis; **Emily Morgan**: UC Davis**P2-M-316: Observing Simplicity Bias in Human-generated data**Presenting Author: **Jean-Louis Dessalles & Giovanni Sileno**, Institut Polytechnique de Paris**Jean-Louis Dessalles**: Institut Polytechnique de Paris; **Giovanni Sileno**: University of Amsterdam**P2-M-317: FlexDDM: A flexible decision-diffusion Python package for the behavioral sciences**Presenting Author: **Kyle LaFollette**, Case Western Reserve University**Kyle LaFollette**: Case Western Reserve University; **Joy Fan**: Case Western Reserve University; **Alessandra Puccio**: Case Western Reserve University; **Heath A. Demaree**: Case Western Reserve University**P2-M-318: Acute stress impairs performance in a computationally hard cognitive task**Presenting Author: **Karlo Doroc**, University of Melbourne**Karlo Doroc**: University of Melbourne**P2-M-319: CogME: A Cognition-Inspired Multi-Dimensional Evaluation Metric for Story Understanding**Presenting Author: **Minjung Shin**, Seoul National University**Minjung Shin**: Seoul National University; **Seongho Choi**: Seoul National University; **Yu-Jung Heo**: KT; **Minsu Lee**: Seoul National University; **Byoung-Tak Zhang**: Seoul National University; **Jeh-Kwang Ryu**: Dongguk University**P2-M-320: CAUS: A Dataset for Question Generation based on Human Cognition Leveraging Large Language Models**Presenting Author: **Minjung Shin**, Seoul National University**Minjung Shin**: Seoul National University; **Donghyun Kim**: Dongguk University; **Jeh-Kwang Ryu**: Dongguk University**P2-M-321: Improved classification accuracy in deep vision models does not come with better predictions of perceptual similarity**Presenting Author: **Marco Petilli**, Humboldt-Universität zu Berlin**Fritz Günther**: Humboldt-Universität zu Berlin; **Marco Marelli**: University of Milano-Bicocca; **Marco Petilli**: University of Milano-Bicocca**P2-M-322: The rise and fall of social hierarchical systems: a cognitive and information theoretical model**Presenting Author: **Mauricio Dias Martins**, University of Vienna**Maurício de Jesus Dias Martins**: University of Vienna; **Stefano Palminteri**: École normale supérieure

P2-N-323: Was That My Cue? Reactivity to Category-Level Judgments of Learning

Presenting Author: **Anthony Cruz**, The University of Western Ontario
Anthony Cruz: The University of Western Ontario; **John Paul Minda**: The University of Western Ontario

P2-Q-324: Prosocial Acts Towards AI Shaped By Reciprocity And Awareness

Presenting Author: **Xinyue Hu**, University of California, Irvine
Xinyue Hu: University of California, Irvine; **Kumar Akash**: Honda Research Institute USA, Inc.; **Shashank Mehrotra**: Honda Research Institute USA, Inc.; **Teruhisa Misu**: Honda Research Institute USA, Inc.; **Mark Steyvers**: University of California, Irvine

P2-Q-325: Teaching Functions with Gaussian Process Regression

Presenting Author: **Maya Malaviya**, Stevens Institute of Technology
Maya Malaviya: Stevens Institute of Technology; **Mark K Ho**: Stevens Institute of Technology

P2-R-326: Some Questions and Answers about Polish Questions

Presenting Author: **Jakub Suchojad**, Rutgers University
Jakub Suchojad: Rutgers University; **C. Jane Lutken**: Rutgers University; **Karin Stromswold**: Rutgers University

P2-S-327: Innovative Attempt at Enhancing Psychological Assessment: A Preliminary Investigative Study of Measuring College Students' Learning Motivation Levels through the Lens of Passive Sensing via Smartphones

Presenting Author: **Yu Feng**, University of Minho
Yu Feng: University of Minho; **Tongyu Zhao**: University of Minho; **Yi Zhang**: Jilin University; **Yatong Zu**: Jilin University; **Adriano Tavares**: University of Minho; **Tiago Gomes**: University of Minho; **Hao Xu**: Jilin University

P2-S-328: Strong but wrong: Adult's intuitions of functional and mechanistic knowledge

Presenting Author: **Amanda McCarthy**, Yale University
Amanda McCarthy: Yale University; **Emma Courtney**: Cold Spring Harbor Laboratory; **Frank Keil**: Yale University

P2-S-329: Supporting student self-regulation in virtual tutoring through emotionally intelligent cognitive architecture

Presenting Author: **Alexei V. Samsonovich**, National Research Nuclear University "MEPhI"
Alexei V Samsonovich: National Research Nuclear University "MEPhI"; **Anastasia Kitsantas**: George Mason University

P2-S-330: Which Leads to More Effective Learning in Intelligent Tutoring Software: Effort-based or Performance-based Feedback?

Presenting Author: **Shintaro Sato**, Saarland University
Shintaro Sato: Saarland University; **Melanie Platz**: Saarland University; **Tomohiro Nagashima**: Saarland University

P2-S-331: Influence of Vocal Cues on Perception of Traits: Evidence from Educational Context

Presenting Author: **Mingyu Weng**, Purdue University
Mingyu Weng: Purdue University; **Wenxi Fei**: The Hong Kong Polytechnic University; **Michael C. W. Yip**: The Education University of Hong Kong

P2-S-332: Decoding the Bilingual Puzzle in Chinese Children with Dyslexia: Should L2 English Literacy be Salvaged Through Assimilation or Accommodation?

Presenting Author: **Ricky Van-yip Tso**, The University of Hong Kong
Ricky Van-yip Tso: The University of Hong Kong; **Tsz-chung Ronald Chan**: The University of Hong Kong; **Kit-yu Kitty Yeung**: The University of Hong Kong; **Robert Savage**: York University; **Wai Ting Siok**: The Hong Kong Polytechnic University; **Kathy Shum**: Universit

P2-S-333: COVID-19 Disruptions in Learning of Critical Mathematics Content

Presenting Author: **Julie L. Booth**, Temple University
Julie L. Booth: Temple University; **Renée M Tobin**: Temple University; **Christina Barbieri**: University of Delaware

P2-S-334: Evaluating the comprehension of fractions in 6th to 10th grade using a graduated number line test

Presenting Author: **Maxime Cauté**, CEA, Inserm, Université Paris-Saclay
Maxime Cauté: CEA, Inserm, Université Paris-Saclay; **Cassandra Potier-Watkins**: CEA, Inserm, Université Paris-Saclay; **Chenxi He**: CEA, Inserm, Université Paris-Saclay; **Stanislas Dehaene**: CEA, Inserm, Université Paris-Saclay

2-S-335: Practice what you preach: Consistent messages about the value of effort foster children's persistence

Presenting Author: **Elaine (Yilin) Wang**, Yale University
Elaine Wang: Yale University; **Mia Radovanovic**: University of Toronto; **Jessica Sommerville**: University of Toronto; **Julia Anne Leonard**: Yale University

P2-S-336: Latent Structure of Intuitive Physics

Presenting Author: **Joshua K Hartshorne**, Boston College
Wei Li: Boston College; **Joshua K Hartshorne**: Boston College

P2-S-337: Differential Metacognitive Activation in Intuitive versus Reflective Thinking in Classroom Assessment Test

Presenting Author: **Tomohito Yamazaki**, Graduate School of Media and Governance
Tomohito Yamazaki: Graduate School of Media and Governance; **Mutsumi Imai**: Faculty of Environment and Information Studies

P2-S-338: Interaction Between Mathematical Affect and Feedback During Mathematical Computation: A Computer Mouse-tracking Task

Presenting Author: **Shruti Kate**, Kent State University

Shruti Kate: Kent State University; **Peri Goldblatt**: Kent State University; **Katie Asaro**: Kent State University; **Giulia Borriello**: Kent State University; **Jennifer Roche**: Kent State University

P2-S-339: The benefits of live in person feedback on children's mathematics performance

Presenting Author: **Megan Merrick**, Indiana University, Bloomington

Megan V Merrick: Indiana University - Bloomington; **Emily R. Fyfe**: Indiana University

P2-S-340: The Effect of Music on College Students' Stress Level and Cognitive Performance – Perceived Pleasantness of Music Makes the Difference

Presenting Author: **Tsz-chung Ronald Chan**, The University of Hong Kong

Tsz-chung Ronald Chan: The University of Hong Kong; **Ricky Van-yip Tso**: The University of Hong Kong

P2-S-341: Breaking Focus: The impact of disruptive distractions on academic task performance

Presenting Author: **M.Sc. Jenny Rettstatt**, Chemnitz University of Technology

Jenny Rettstatt: Chemnitz University of Technology; **Daniel Brand**: Chemnitz University of Technology; **Marco Ragni**: TU Chemnitz

P2-S-342: Various Misleading Visual Features in Misleading Graphs: Do they truly deceive us?

Presenting Author: **Jihyun Rho**, University of Wisconsin-Madison

Jihyun Rho: University of Wisconsin-Madison; **Martina A. Rau**: University of Wisconsin - Madison; **Shubham Kumar Bharti**: University of Wisconsin-Madison; **Rosanne Luu**: University of Wisconsin-Madison; **Jeremy McMahan**: University of Wisconsin-Madison; **Andrew Wang**: The University of Melbourne

P2-T-343: The Impact of Spatiotemporal Calibration on Sense of Embodiment and Task Performance in Teleoperation

Presenting Author: **Sara Falcone**, Vassar College; **Jordan Taylor**: Princeton University

P2-U-344: Relationship between emotional linkages and perceived emotion during a joint task

Presenting Author: **Aiko Murata**, Nippon Telegraph and Telephone Corporation

Aiko Murata: Nippon Telegraph and Telephone Corporation; **Shiro Kumano**: Nippon Telegraph and Telephone Corporation

P2-V-345: Variations in explainers' gesture deixis in explanations related to the monitoring of explainees' understanding

Presenting Author: **Stefan Lazarov**, Paderborn University

Stefan Lazarov: Paderborn University; **Angela Grimminger**: Paderborn University

P2-Y-346: Decoding Expertise: Exploring Cognitive Micro-Behavioural Measurements for Visualization Competence

Presenting Author: **Fiorenzo Colarusso**, University of Sussex

Fiorenzo Colarusso: University of Sussex; **Peter Cheng**: University of Sussex; **Ronald Grau**: University of Sussex; **Grecia Garcia Garcia**: University of Sussex; **Daniel Raggi**: University of Cambridge; **Mateja Jamnik**: University of Cambridge

P2-Y-347: Saccadic Eye Movements and Search Task Difficulty as Basis of Modelling User Knowledge in Information Seeking

Presenting Author: **Marco Ragni**, Uppsala University

Ying-Hsang Liu: Uppsala University; **Andreas Nürnberger**: Otto von Guericke University; **Jenny Rettstatt**: Chemnitz University of Technology; **Marco Ragni**: TU Chemnitz

P2-Z-348: Capable but not cooperative? Perceptions of ChatGPT as a pragmatic speaker

Presenting Author: **Alexandra Mayn**, Saarland University

Alexandra Mayn: Saarland University; **Jia Loy**: Saarland University; **Vera Demberg**: Saarland University

P2-AA-349: Investigating Flexible Role Binding in AI Agents

Presenting Author: **Mark K Ho**, New York University

Brian Pennisi: New York University; **Todd M Gureckis**: New York University; **Rheza Budiono**: New York University; **Mark K Ho**: Stevens Institute of Technology

P2-CC-350: Visual Similarity Modeling of Chinese Characters Across Natives, Second-Language Learners, and Novices

Presenting Author: **Zhuqian Zhou**, Teachers College, Columbia University

Zhuqian Zhou: Teachers College, Columbia University; **James E. Corter**: Columbia University

P2-CC-351: Real world event schemas offer modality-independent conceptual bases for verb argument structures

Presenting Author: **Breanna K. Nguyen**, University of California, Davis

Brennan T Gonering: University of California, Davis; **Zoey Liu**: University of Florida

P2-CC-352: Production of Syntactic Alternations Displays Accessibility But Not Informativity Effects

Presenting Author: **Emily Goodwin**, Stanford University

Emily Goodwin: Stanford University; **Judith Degen**: Stanford University

P2-DD-353: Quick and Accurate Affordance Learning

Presenting Author: **Fedor Scholz**, University of Tübingen

Fedor Scholz: University of Tübingen; **Erik Ayari**: University of Tübingen; **Johannes Bertram**: University of Tübingen; **Martin V. Butz**: University of Tübingen

P2-EE-354: German demonstratives and topic questions

Presenting Author: **Timo Buchholz**, Universität zu Köln
Timo Buchholz: Universität zu Köln; **Klaus von Heusinger**: University of Cologne

P2-EE-355: Animacy and attention play different roles in children's language production

Presenting Author: **Sarah Dolscheid** (Verlage), University of Cologne

Sarah Dolscheid: University of Cologne; **Martina Penke**: University of Cologne

P2-EE-356: Newborns' neural tracking of infant-directed and adult-directed speech in native and foreign language

Presenting Author: **Martina Dvořáková**, Charles University
Martina Dvořáková: Charles University; **Katerina Chladkova**: Institute of Psychology, Czech Academy of Sciences; **Josef Urbanec**: Faculty od Medicine in Hradec Kralove, Charles University; **Jan Kremláček**: Faculty od Medicine in Hradec Kralove, Charles Universi

P2-EE-357: A note on complexity in efficient communication analyses of semantic typology

Presenting Author: **Francis Mollica**, University of Melbourne
Francis Mollica: University of Melbourne

P2-EE-358: Transparency in Sign Forms: When and How Does Iconicity Matter?

Presenting Author: **Oksana Tkachman**, University of British Columbia

Oksana Tkachman: University of British Columbia; **Emily Sadlier-Brown**: The University of British Columbia; **Roger Yu-Hsiang Lo**: University of British Columbia ; **Carla Hudson Kam**: University of British Columbia

P2-EE-359: Bridging Word and World: Vocal Iconicity in Chinese Child-Directed Speech and Child Production

Presenting Author: **Mengru Han**, East China Normal University

Mengru Han: East China Normal University; **Yiqi Nie**: East China Normal University; **Yan Gu**: University of Essex

P2-EE-360: How can they both be right?: Faultless disagreement and semantic adaptation

Presenting Author: **Emily Pecsok** and **Helena Aparicio**, Cornell University

Emily Pecsok: Cornell University; **Helena Aparicio**: Cornell University

P2-EE-361: What processing instructions do connectives provide? Modeling the facilitative effect of the connective

Presenting Author: **Marian Marchal**, Saarland University

Marian Marchal: Saarland University; **Merel Cleo Johanna Scholman**: Utrecht University; **Ted Sanders**: Utrecht University; **Vera Demberg**: Saarland University

P2-EE-362: Temporal Shaping and the Event/Process Distinction

Presenting Author: **Devansh Bansal**, University of Kansas

Douglas Wadle: University of Kansas; **Devansh Bansal**: University of Southern California; **Alexis C Wellwood**: University of Southern California

P2-EE-363: How turn-taking can inform about becoming familiar with a task and changes to it: shy and nonshy four-year-old children

Presenting Author: **Valeria Tykhonenko**, Paderborn University

Valeria Tykhonenko: Paderborn University; **Nils F Tolksdorf**: Paderborn University; **Katharina Rohlfing**: Paderborn University

P2-EE-364: Kinematic modulations of iconicity in child-directed communication in Italian Sign Language

Presenting Author: **Anita Slonimska**, Max Plank Institute for Psycholinguistics

Anita Slonimska: Max Plank Institute for Psycholinguistics; **Alessio di Renzo**: Institute of Cognitive Sciences and Technologies; **Mounika Kanakanti**: Max Planck Institute for Psycholinguistics; **Emanuela Campisi**: University of Catania; **Asli Ozyurek**: Donders Institute

P2-EE-365: Neural network modelling on Korean monolingual children's comprehension of suffixal passive construction in Korean

Presenting Author: **Gyu-Ho Shin**, Ajou university

Seongmin Mun: Ajou university; **Gyu-Ho Shin**: University of Illinois at Chicago

P2-EE-366: Agreement marking can benefit child learners

Presenting Author: **Shira Tal**, University of Edinburgh

Shira Tal: University of Edinburgh; **Kenny Smith**: University of Edinburgh; **Jennifer Culbertson**: University of Edinburgh

P2-EE-367: How does grammatical category influence conceptual categorization: The case of Chinese classifiers

Presenting Author: **Jialing Liang**, Universitat Pompeu Fabra

Jialing Liang: Universitat Pompeu Fabra; **Xixian Liao**: Universitat Pompeu Fabra

P2-EE-368: Acquisition of gender agreement depends on frequency distributions in specific contexts

Presenting Author: **Jekaterina Mazara**, University of Zurich

Jekaterina Mazara: University of Zurich; **Michele Loporcaro**: University of Zurich; **Sabine Stoll**: University of Zurich

P2-EE-369: Frequency-dependent regularization arises from a noisy-channel processing model

Presenting Author: **Emily Morgan**, University of California, Davis

Zachary Nicholas Houghton: University of California, Davis; **Emily Morgan**: UC Davis

P2-EE-370: Priming Abstract Modal Representations in Modals with Causatives

Presenting Author: Angelica Hill, University of Massachusetts Amherst

Angelica Hill: University of Massachusetts Amherst; Shota Momma: University of Massachusetts Amherst

P2-EE-371: Informativity effects can be probability effects in disguise

Presenting Author: Vsevolod Kapatsinski, University of Oregon

Vsevolod Kapatsinski: University of Oregon

P2-EE-372: The Influence of Stimulus Type on Language Processing in Comprehension

Presenting Author: Hong Liu, Xi'an Jiaotong-Liverpool University

Hong Liu: Xi'an Jiaotong-Liverpool University; Adel Chaouch-Orozco: The Hong Kong Polytechnic University

P2-EE-373: Is the asymmetry in negative strengthening the result of polarity or face considerations?

Presenting Author: Sarang Jeong, Stanford University

Sarang Jeong: Stanford University; Christopher Potts: Stanford University; Judith Degen: Stanford University

P2-EE-374: Context affects the comprehension of implicit arguments: Evidence from the maze task

Presenting Author: Roberto G. de Almeida, Concordia University

Tobias Ungerer: Concordia University; Roberto G. de Almeida: Concordia University

P2-EE-375: How does dependency type mediate gender agreement in Russian?

Presenting Author: Cui Ding, University of Zurich

Cui Ding: University of Zurich; Ethan Gotlieb Wilcox: ETH Zurich; Metehan Oguz: University of Southern California; Zuzanna Fuchs: University of Southern California

P2-EE-376: Cross-linguistic transfer of phonological assimilation in early and late bilinguals

Presenting Author: Sharon Peperkamp, Ecole Normale Supérieure - Université Paris Sciences et Lettres

Sharon Peperkamp: Ecole Normale Supérieure - Université Paris Sciences et Lettres; Sonya Kaiser: Ecole Normale Supérieure - Université Paris Sciences et Lettres; Lori Lamel: CNRS-LISN; Martine Adda-Decker: CNRS

P2-EE-377: Effects of Bilingualism on Sustained Attention and Inhibition: A Bayesian Enquiry

Presenting Author: Ark Verma, Radboud University

Moulshree Rana: Radboud University; Ark Verma: Indian Institute of Technology Kanpur

P2-EE-378: Investigating social grounding of abstract words

Presenting Author: Daria Goriachun, Aix-Marseille University

Daria Goriachun: Aix-Marseille University; Kristof Strijkers: CNRS & Aix-Marseille University; Nuria Gala: Aix-Marseille University; Johannes C. Ziegler: Aix-Marseille University

P2-EE-379: Spatial Construals of Time... Travel

Presenting Author: Shervin Nosrati, University of California, Merced

Shervin Nosrati: University of California, Merced; Leo Niehorster-Cook: University of California, Merced; Tyler Marghetis: University of California, Merced

P2-EE-380: States overlap: Evidence from complement and relative clause comprehension

Presenting Author: Elena Marx, Central European University

Elena Marx: Central European University; Eva Wittenberg: Central European University

P2-EE-381: Children's visual attention when planning informative multimodal descriptions of object locations

Presenting Author: Ercenur Ünal, Middle East Technical University

Dilay Z. Karadoller: Middle East Technical University; Aslı Ozyurek: Donders Institute ; Ercenur Ünal: Özyegin University

P2-EE-382: Evaluating human-like similarity biases at every scale in Large Language Models: Evidence from remote and basic-level triads.

Presenting Author: Simon De Deyne, University of Melbourne

Simon De Deyne: University of Melbourne

P2-EE-383: Does Dependency Locality Predict Non-canonical Word Order in Hindi?

Presenting Author: Sidharth Ranjan, University of Stuttgart

Sidharth Ranjan: University of Stuttgart; Marten van Schijndel: Cornell University

P2-EE-384: Numeral Modification and Framing Effects: exactly and at most vs up to

Presenting Author: Berry Claus, Leibniz University Hannover

Berry Claus: Leibniz University Hannover; Marie Christin Walch: Leibniz Universität Hannover

P2-EE-385: "I hear you! But conversing together is a bit different...!": Interactional dynamics in children with cochlear implants

Presenting Author: Chiara Mazzocconi, Aix-Marseille University

Chiara Mazzocconi: Aix-Marseille University; Céline Hidalgo:

La Timone Children's Hospital; Charlie Hallart: Aix-Marseille University; Leonardo Lancia: Aix-Marseille University; Roxane

Bertrand: Aix-Marseille Université; Stéphane Roman: La Timone Children

P2-EE-386: Heart talk: Emotional inner speech increases heart rate

Presenting Author: **Mikkel Wallentin**, Aarhus University
Mikkel Wallentin: Aarhus University; **Line Kruse**: Aarhus University; **Anja Feibel Meerwald**: Aarhus University; **David Trøst Fjendbo**: Aarhus University; **Johanne Nedergaard**: University of Copenhagen

P2-EE-387: Toddlers Associate Iconic Gestures with Actions not Objects

Presenting Author: **Elena Nicoladis**, University of British Columbia
Elena Nicoladis: University of British Columbia; **Paula Marentette**: University of Alberta; **Jennifer St. Jean**: University of Alberta

P2-EE-388: Is adults' ability to interpret iconicity shared between the spoken and gestural modalities?

Presenting Author: **Mingtong Li**, University of Warwick
Mingtong Li: University of Warwick; **Suzanne Aussems**: University of Warwick; **Sotaro Kita**: University of Warwick

P2-EE-389: Do linguistic distributional information and constituent sensorimotor similarity affect people's comprehension of novel noun-noun compounds?

Presenting Author: **Dermot Lynott**, Maynooth University
Dermot Lynott: Maynooth University; **Louise Connell**: Maynooth University; **Dounia Lakhzoum**: Maynooth University

P2-EE-390: Aesthetic and affective effects of consonant alliteration and meter in Japanese poems

Presenting Author: **Mizuki Yoshio**, Hiroshima University
Mizuki Yoshio: Hiroshima University; **Toshimune Kambara**: Hiroshima University

P2-EE-391: Forming Event Units in Language and Cognition: A Cross-linguistic Investigation

Presenting Author: **Sarah Hye-yeon Lee**, University of Pennsylvania
Sarah Hye-yeon Lee: University of Pennsylvania; **Ercenur Ünal**: Özyegin University; **Anna Papafragou**: University of Pennsylvania

P2-EE-392: Goal bias in using spatial language to describe changing quantities

Presenting Author: **Bodo Winter**, University of Birmingham
Vinicius Macuch Silva: University of Birmingham; **Alexandra Lorson**: University of Groningen; **Greg Woodin**: University of Birmingham; **Bodo Winter**: University of Birmingham

P2-EE-393: Interactions between autistic adults offer a new perspective on social gaze

Presenting Author: **Malin Spaniol**, University Hospital Cologne
Malin Spaniol: University Hospital Cologne; **Simon Wehrle**: University of Cologne; **Kai Vogeley**: University Hospital Cologne; **Martine Grice**: University of Cologne

P2-EE-394: Associations between gustatory imageries and vowel length in Japanese food names

Presenting Author: **Toshimune Kambara**, Hiroshima University
Toshimune Kambara: Hiroshima University; **Mizuki Yoshio**: Hiroshima University; **Nodoka Okada**: Hiroshima University; **Rea Kawano**: Hiroshima University; **Norika Kondo**: Hiroshima University; **Sho Tamakawa**: Hiroshima University

P2-EE-395: Missing /y/: Vowel perception in bilinguals whose languages differ in whether the high front rounded vowel is phonemic

Presenting Author: **Lei Pan**, Suzy J. Styles, National Institute of Education

Lei Pan: National Institute of Education; **Suzy J. Styles**: Nanyang Technological University

P2-EE-396: Beyond typicality: Lexical category affects the use and processing of color words

Presenting Author: **Paula Rubio-Fernandez**, University of Edinburgh

Madeleine Long: University of Edinburgh; **Paula Rubio-Fernández**: Max Planck Institute for Psycholinguistics

P2-EE-397: Rethinking Probabilities: Why Corpus Frequencies Cannot Capture Speakers' Dynamic Linguistic Behavior

Presenting Author: **Holly Jenkins**, Humboldt Universität zu Berlin

Santina Simone Kemper: Humboldt Universität zu Berlin ; **Holly Elizabeth Jenkins**: University of Oxford; **Elizabeth Wonnacott**: University of Oxford; **Michael Ramscar**: University of Tübingen

P2-EE-398: Greta is a female director: When gender stereotypes interact with informativity expectations

Presenting Author: **Halin Hao**, University of Southern California

Hailin Hao: University of Southern California; **Muxuan He**: University of Southern California; **Zuzanna Fuchs**: University of Southern California

P2-EE-399: Communicative factors in the emergence of phonological dispersion

Presenting Author: **Gareth Roberts**, University of Pennsylvania

Gareth Roberts: University of Pennsylvania; **Jianjing Kuang**: University of Pennsylvania; **Robin Clark**: University of Pennsylvania

P2-EE-400: Exploring scalar diversity through priming: A lexical decision study with adjectives

Presenting Author: **Radim Lacina**, Osnabrück University

Radim Lacina: Osnabrück University; **Nicole Gotzner**: Cognitive Science Institute

P2-EE-401: Subjective Frequency Ratings for 277 LSU Signs

Presenting Author: **Martín Dutra**, University of the Republic

Martín Dutra: University of the Republic; **Roberto Aguirre**: Universidad de la República

P2-EE-402: What can L1 speakers tell us about killing hope? A Novel Behavioral Measure for Identifying Collocations

Presenting Author: **Sydelle de Souza**, University of Edinburgh

Sydelle de Souza: University of Edinburgh; **Francis Mollica**: University of Melbourne; **Jennifer Culbertson**: University of Edinburgh

P2-EE-403: Chinese Character Network Structure Affects Processing of Single Chinese Characters

Presenting Author: **Cynthia S.Q. Siew**, National University of Singapore

Cynthia S.Q. Siew: National University of Singapore

P2-EE-404: Contextual and lexical effects in Braille reading using an automated finger tracking method

Presenting Author: **Zaida McClinton**, Johns Hopkins University

Zaida McClinton: Johns Hopkins University; **Emily Silvano**: Johns Hopkins University; **Clarissa Alfonso**: Johns Hopkins University; **Marina Bedny**: Johns Hopkins University; **Colin Wilson**: Johns Hopkins University

P2-EE-405: Refixation Strategies in Sentential Word Reading: An Exploration by Linked Linear Mixed Models

Presenting Author: **Dr. Cengiz Acarturk**, Jagiellonian University

Ayşegül Özkan: Jagiellonian University; **Cengiz Acarturk**: Jagiellonian University

P2-EE-406: Crowdsourcing Multiverse Analyses to Examine the Robustness of Research Findings

Presenting Author: **Tom Heyman**, Leiden University

Tom Heyman: Leiden University; **Ekaterina Pronizius MSc BSc**: University of Vienna; **Erin M. Buchanan**: Harrisburg University

P2-EE-407: Semantic Leakage Enables Lie Detection, but First-Person Pronouns and Verbosity Can Get in the Way of Detection

Presenting Author: **Özlem Yeter**, University of Groningen

Özlem Yeter: University of Groningen; **Barteld P. Kooi**: University of Groningen; **Harmen de Weerd**: Bernoulli Institute for Mathematics, Computer Science and Artificial Intelligence; **Rineke Verbrugge**: University of Groningen; **Petra Hendriks**: University of Groningen

P2-EE-408: Déjà Vu: Eye Movements in Repeated Reading

Presenting Author: **Yoav Meiri**, Technion

Yoav Meiri: Technion; **Yevgeni Berzak**: Technion

P2-EE-409: Uncovering the Rules of Entity-Level Robotic Working Memory

Presenting Author: **Rafael Sousa Silva**, Colorado School of Mines

Rafael Sousa Silva: Colorado School of Mines; **Tom Williams**: Colorado School of Mines

P2-EE-410: Kinetic elements in genuflexion correlate with the degree of power relations in societal strata: The CONTROL IS UP metaphor in medieval miniatures

Presenting Author: **Iraide Ibarretxe-Antuñano**, University of Zaragoza

Iraide Ibarretxe Antuñano: University of Zaragoza; **Andrea Ariño Bizarro**: University of Zaragoza; **David Moret Oliver**: Real Estate Developer; **María Teresa Moret-Oliver**: University of Zaragoza; **Guillermo Tomás Faci**: Archivo

P2-FF-411: An Intuitive Physics Approach to Modeling Melodic Expectation

Presenting Author: **Breanna K. Nguyen**, Yale University

Breanna K. Nguyen: Yale University; **Ilker Yildirim**: Yale University

P2-FF-412: Inferring Musical Structure - A Hybrid Approach Combining Probabilistic Models and Reinforcement Learning

Presenting Author: **Christoph Finkensiep**, University of Amsterdam

Christoph Finkensiep: University of Amsterdam

P2-GG-413: Pupil dynamics preceding switches in task engagement

Presenting Author: **Philippa A Johnson**, Leiden University

Philippa A Johnson: Leiden University; **Sander Nieuwenhuis**: Leiden University; **Anne Urai**: Leiden University

P2-GG-414: How pupil tracks cognitive processes underlying internally- and externally-directed attention tasks

Presenting Author: **Dr. Shilpa Dang**, Indian Institute of Technology Jodhpur

Adarsh Palaskar: Indian Institute of Technology Jodhpur; **Shilpa Dang**: Indian Institute of Technology Jodhpur

P2-GG-416: Does prediction drive neural alignment in conversation?

Presenting Author: **Emilia Kerr**, Aix-Marseille University

Emilia Kerr: Aix-Marseille University; **Kristof Strijkers**: CNRS & Aix-Marseille University; **Benjamin Morillon**: Aix-Marseille University

P2-GG-417: What MEG can tell us about predictive processing during language comprehension

Presenting Author: **Sahel Azizpour**, Donders Institute for Brain, Cognition and Behaviour

Sahel Azizpour: Donders Institute for Brain, Cognition and Behaviour; **Britta U. Westner**: Donders Institute for Brain, Cognition and Behaviour; **Umut Guclu**: Donders Institute for Brain, Cognition and Behaviour; **Linda Geerligs**: Donders Institute for Brain, Cognition, and Behaviour

P2-GG-418: Prestimulus Periodic and Aperiodic Neural Activity Shapes McGurk Perception

Presenting Author: Vinsea A V Singh, National Brain Research Centre

Vinsea A V Singh: National Brain Research Centre; Vinodh G. Kumar: Penn State College of Medicine; Dr. Arpan Banerjee: National Brain Research Centre (NBRC); Dr. Dipanjan Roy: Indian Institute of Technology Jodhpur

P2-GG-419: Superior Psychological Skills of Advanced Players in Esports: An Examination of Physiological Synchrony

Presenting Author: Ken Watanabe, NTT Communication Science Laboratories

Ken Watanabe: NTT Communication Science Laboratories; Naoki Saijo: NTT Communication Science Laboratories; Sorato Minami: Kashino Diverse Brain Research Laboratory; Makio Kashino: NTT Communication Science Laboratories

P2-GG-420: Know your body by heart: a taVNS study on body awareness

Presenting Author: Angelica Scuderi, Sapienza University of Rome

Angelica Scuderi: Sapienza University of Rome; Maria Luisa De Martino: Sapienza University of Rome; Erik Leemhuis: Sapienza University of Rome; Mariella Pazzaglia: Sapienza University of Rome

P2-HH-421: Professional Jazz Musicians Explore and Exploit a Space of Sounds

Presenting Author: Tevin Williams, University of California, Merced

Tevin Williams: University of California, Merced; Matthew Setzler: Meta; Minje Kim: University of Illinois Urbana-Champaign; Rachel Ryskin: University of California, Merced; Michael Spivey: UC Merced; Tyler Marghetis: University of California, Merced

P2-HH-422: Choose and Use: Users' Selection of Information Sources for Decision Support

Presenting Author: Yoav Ben Yaakov, Tel Aviv University

Yoav Ben Yaakov: Tel Aviv University; Joachim Meyer: Tel Aviv University

P2-HH-423: Study on Preferred Duration and Reimbursement in Web-Based Experiments

Presenting Author: Alina Palmethofer, University of Tübingen

Alina Palmethofer: University of Tübingen; Alice Winter: University of Tübingen; Carolin Dudschig: University of Tübingen; Barbara Kaup: University of Tübingen

P2-HH-424: Misfortunes never come singly: Reflections of the environment in a proverb

Presenting Author: Alex Odlum, University of Lausanne

Alex Odlum: University of Lausanne; Julian Marewski: University of Lausanne; Joerg Dietz: University of Lausanne

P2-JJ-425: Rethinking Inference: A Multidimensional Model of Inference for Human and Nonhuman Animals

Presenting Author: Sanja Srećković, Ruhr-Universität Bochum

Albert Newen: Ruhr-Universität Bochum; Sanja Sreckovic: Ruhr University Bochum

P2-JJ-426: Episodic memory in causal reasoning about singular events

Presenting Author: Sofia Rappe, Ruhr University Bochum

Sofia Rappe: Ruhr University Bochum; Markus Werning: Ruhr University Bochum

P2-JJ-427: Pluralism in Social Cognition and Predictive Processing

Presenting Author: Elmarie Venter, Ruhr University

Elmarie Venter: Ruhr University

P2-JJ-428: Multiple Realizability and the Rise of Deep Learning

Presenting Author: Sam McGrath, Jacob Russin, Brown University

Sam Whitman McGrath: Brown University; Jacob Russin: Brown

P2-JJ-429: Novel Predictions for Boundedly Rational Agents: A Bayesian Analysis

Presenting Author: Rafael Fuchs, Munich Center for Mathematical Philosophy, LMU Munich

Rafael Fuchs: Munich Center for Mathematical Philosophy, LMU Munich; Stephan Hartmann: LMU Munich

P2-JJ-430: Co-Simulations of Brain Language Processing using Neural Language Models

Presenting Author: Alessandro Acciai, University of Messina

Nicola Angius: University of Messina; Pietro Perconti: Università di Messina ; Alessio Plebe: University of Messina; Alessandro Acciai: University of Messina

P2-JJ-431: Sense of Agency: Towards Empirically Driven Measures and Understanding

Presenting Author: Robrecht van der Wel, Rutgers University

Fatemeh Mahdinia: Rutgers University; Amir Lindor: Rutgers University; Pernille Hemmer: Rutgers University; Robrecht van der Wel: Rutgers University

P2-JJ-432: Cascades, Leaps, and Strawmen: How Explanations Evolve

Presenting Author: Kara Kedrick, Carnegie Mellon University

Kara Kedrick: Carnegie Mellon University; Kevin J.S. Zollman: Carnegie Mellon University; Simon DeDeo: Carnegie Mellon University

P2-JJ-433: Causation on a continuum: normality effects on causal judgments

Presenting Author: Kaylee Miceli, Duke University

Kaylee Miceli: Duke University; Nina Van Rooy: Duke University; Kevin O'Neill: Duke University; Felipe DeBrigard: Duke University

P2-JJ-434: Future Self-Identification is Influenced by the Vividness, Similarity, and Positivity of a Future Self Construct

Presenting Author: **Michella Feldborg**, University of Aberdeen
Michella Feldborg: University of Aberdeen; **Jie Sui**: University of Aberdeen

P2-JJ-435: Reasoning with Polysemes: When Default Inferences Beat Contextual Information

Presenting Author: **Dimitra Lazaridou-Chatzigoga**, University of East Anglia
Eugen Fischer: University of East Anglia; **Paul Engelhardt**: University of East Anglia; **Dimitra Lazaridou-Chatzigoga**: University of East Anglia; **Kate Stanton**: University of Pittsburgh

P2-JJ-436: Explaining the Conjunction Fallacy

Presenting Author: **Borut Trpin**, LMU Munich
Borut Trpin: LMU Munich; **Stephan Hartmann**: LMU Munich

P2-JJ-437: Modelling the prevalence of hidden profiles with complex argument structures

Presenting Author: **Hendrik Siebe**, University of Groningen
Hendrik Siebe: University of Groningen

P2-KK-438: Data-Driven Analysis of Physical and Mental Rotation Strategies

Presenting Author: **Sven Bertel**, highQ Computerlösungen GmbH
Stefanie Wetzel: highQ Computerlösungen GmbH; **Sven Bertel**: Flensburg University of Applied Sciences

P2-LL-439: The Dynamic Nature of Procrastination

Presenting Author: **Peiyuan Zhang**, New York University
Peiyuan Zhang: New York University; **Yijun Lin**: University of Florida; **Falk Lieder**: University of California, Los Angeles; **Wei Ji Ma**: New York University

P2-LL-440: Exploring the Discrepancy between Explicit and Implicit Keyboard Memory: The Role of Linguistic and Sensorimotor Context

Presenting Author: **Francesco Iani**, Sapienza University of Rome
Mara Stockner: Sapienza University of Rome; **Giuliana Mazzoni**: Sapienza University of Rome; **Francesco Iani**: University of Torino

P2-LL-441: Sense of Control in Dynamic Multitasking and its Impact on Voluntary Task-Switching Behavior

Presenting Author: **Annika Österdiekhoff**, Bielefeld University
Annika Österdiekhoff: Bielefeld University; **Nils Wendel Heinrich**: Universität zu Lübeck; **Nele Russwinkel**: Universität zu Lübeck; **Stefan Kopp**: Bielefeld University

P2-LL-442: Reach Tracking Reveals Distinct Inhibitory Control Processes in Adults' False Belief Inferences

Presenting Author: **David Sobel**, Brown University
David M. Sobel: Brown University; **David G. Kamper**: UCLA; **Joo-Hyun Song**: Brown University

P2-LL-443: Allocation of Fixational Eye Movements in Response to Uncertainty in Dynamic Environments

Presenting Author: **Nikita Abalakin**, Potsdam Universität
Nikita Abalakin: Potsdam Universität; **Nils Wendel Heinrich**: Universität zu Lübeck; **Annika Österdiekhoff**: Research Center Cognitive Interaction Technology (CITEC), Bielefeld University; **Stefan Kopp**: Bielefeld University; **Nele Russwinkel**: Universität zu Lüb

P2-LL-444: Goal-directed Allocation of Gaze Reflects Situated Action Control in Dynamic Tasks

Presenting Author: **Nils Wendel Heinrich**, Universität zu Lübeck
Nils Wendel Heinrich: Universität zu Lübeck; **Annika Österdiekhoff**: Bielefeld University; **Stefan Kopp**: Bielefeld University; **Nele Russwinkel**: Universität zu Lübeck

P2-LL-445: Acquiring Mastery: An Autoethnographic Case Study on Self-Directed Skill Attainment in Competitive eSports

Presenting Author: **Noah Phillips**, Rensselaer Polytechnic Institute
Noah Phillips: Rensselaer Polytechnic Institute

P2-LL-446: How does culture affect immersion during narrative reading?

Presenting Author: **Francesca M M Citron**, Lancaster University
Ms. Tsz Chin Wong: Lancaster University; **Francesca M M Citron**: Lancaster University

P2-LL-447: The Influence of Social Information and Presentation Interface on Aesthetic Evaluations

Presenting Author: **Raja Marjeh**, Max Planck Institute for Empirical Aesthetics
Yoko Urano: Max Planck Institute for Empirical Aesthetics; **Raja Marjeh**: Princeton University; **Tom Griffiths**: Princeton University ; **Nori Jacoby**: Max Planck Institute for Empirical Aesthetics

P2-LL-448: A Neural Process Model of Structure Mapping Accounts for Children's Development of Analogical Mapping by Change in Inhibitory Control

Presenting Author: **Minseok Kang**, Ruhr-Universität Bochum
Minseok Kang: Ruhr-Universität Bochum ; **Daniel Sabinasz**: Institut für Neuroinformatik; **Gregor Schöner**: Ruhr-Universität Bochum

P2-LL-449: Attention Due to Arousal Can Both Hinder and Facilitate the Discovery of Relations

Presenting Author: **Penka Hristova**, New Bulgarian University
Penka Hristova: New Bulgarian University; **Nina Dimitrova**: New Bulgarian University

P2-LL-450: Schema Drift: Relational Concept Stability Across Repeated Comparison

Presenting Author: **Richard Vagnino**, University of California San Diego
Richard Vagnino: University of California San Diego; **Caren M. Walker**: University of California San Diego

P2-LL-451: How does comparing (dis)similar objects affect young children's creative idea generation? Exploring the role of diversity in facilitating creativity

Presenting Author: Chanhee Koo, Tsinghua University
Chanhee Koo: Tsinghua University; **Honghong Bai:** Radboud University; **Aoxin Luo:** Tsinghua University; **Stella Christie:** Tsinghua University

P2-LL-452: Virtually anything can happen: investigating short-term memory in capuchin monkeys using virtual environments

Presenting Author: Andreea Mîscov, University of St Andrews
Andreea Miruna Mîscov: University of St Andrews; **Emma McEwen:** University of St Andrews; **Amanda Seed:** University of St Andrews

P2-LL-453: The statistician baboon: papio papio's understanding of noisy linear patterns

Presenting Author: Lorenzo Ciccione, Collège de France - PSL University

Lorenzo Ciccione: Collège de France - PSL University

P2-LL-454: Dynamics and Sociality of Synchronized Arousal between Dancer and Audience in Breakdance Battle Scenes

Presenting Author: Daichi Shimizu, Graduate School of Human Development and Environment

Daichi Shimizu: Graduate School of Human Development and Environment; **Shuhei Tsuchida:** Ochanomizu University; **Ayumi Ohnishi:** Kobe University; **Tsutomu Terada:** Kobe University; **Masahiko Tsukamoto:** Kobe University

P2-LL-455: Exploring the Dynamics of Dyadic Communication and Performance in Acting Training

Presenting Author: Jingyan Sun, The University of Tokyo

Jingyan Sun: The University of Tokyo; **Takeshi Okada:** The University of Tokyo

P2-LL-456: A Causal Link between Working Memory Capacity and Attention Distribution in Category Learning

Presenting Author: Qianqian Wan, Ohio State University

Qianqian Wan: Ohio State University

P2-LL-457: Visual engagement is not synonymous with learning in young children

Presenting Author: Sarah Stolp Shepherd, University of California, Berkeley

Sarah Stolp Shepherd: University of California, Berkeley; **Celeste Kidd:** University of California, Berkeley

P2-LL-458: Forging a head: how environmental elements influence the perception of a shape's facing direction

Presenting Author: Jiangxue Valentina Ning, The New School

Jiangxue Valentina Ning: The New School; **Benjamin F. van Buren:** The New School

P2-LL-459: Illusory Contour Clarity does not guide visual search but Surface Representations do

Presenting Author: Zorana Zupan, University of Belgrade

Zorana Zupan: University of Belgrade; **Dr Vasilije Gvozdenovic:** University of Belgrade

P2-LL-460: Perceptual Category Learning Results in Modality-Specific Representations

Presenting Author: Casey L. Roark, University of New Hampshire

Casey L Roark: University of New Hampshire

P2-LL-461: Boundedness is Represented in Visual and Auditory Event Cognition

Presenting Author: Bahar Tarakçı, Özyegin University

Bahar Tarakçı: Özyegin University; **Ceren Barış:** Özyegin University; **Ercenur Ünal:** Özyegin University

P2-LL-463: Risk Communication with Icon Arrays in Online Decision Making

Presenting Author: Jingqi Yu, University of Toronto

Jingqi Yu: University of Toronto

P2-LL-464: Unraveling Overreaction in Expectations: Leveraging Cognitive Sampling Algorithms in Price Prediction Tasks

Presenting Author: Yuqi Zhou, University of Warwick

Yuqi Zhou: University of Warwick; **Jian-Qiao Zhu:** Princeton University; **Jake Spicer:** University of Warwick; **Adam Sanborn:** University of Warwick

P2-LL-465: Properties and predictiveness of affective prediction errors

Presenting Author: Marius C Vollberg, University of Amsterdam

Marius C Vollberg: University of Amsterdam

P2-LL-466: Curiosity act as a rational learning opportunity signal: information source credibility predicts curiosity and trivia fact learning

Presenting Author: Linus Holm, University of Umeå

Linus Holm: University of Umeå; **Paul Schrater:** University of Minnesota, Twin Cities; **Felix Thiel:** Department for Psychology

P2-LL-467: Experimental Emergence of Conventions in Humans: Emergence, stability and cognitive implications

Presenting Author: Oviya Mohan, University of Rochester

Oviya Mohan: University of Rochester; **Dora Biro:** University of Rochester

P2-LL-468: The Mere Reminder of Others: A Cognitive Modelling Approach to the Implicit Bystander Effect

Presenting Author: Chris M. Stolle, Lingnan University

Chris M. Stolle: Lingnan University; **Yi Huang:** Lingnan University

P2-LL-469: Information foraging in human-ChatGPT interactions: factors of computational thinking dissociate exploration and exploitation

Presenting Author: **Pablo Flores**, University of Helsinki

Pablo Flores: University of Helsinki; **Benjamin Cowley**: University of Helsinki; **Guang Rong**: University of Helsinki

P2-LL-470: Stratified Income Inequality: Unravelling the Influence of Income Inequality Concentration on status seeking, A Study Using Large-Scale Human Mobility Data

Presenting Author: **Yuqi Ye**, University of Warwick

Yuqi Ye: University of Warwick; **Lukasz Walasek**: University of Warwick; **Gordon Brown**: University of Warwick

P2-LL-471: The Transferability of Explanation-Induced Knowledge Reassessment

Presenting Author: **Julianne Wilson**, Lehigh University

Julianne Wilson: Lehigh University; **Jessecae K. Marsh**: Lehigh University

P2-LL-472: Sense-making: How do we form ad hoc theories?

Presenting Author: **Izabele Jonusaite**, Massachusetts Institute of Technology

Izabele Jonusaite: Massachusetts Institute of Technology; **Karla E Perez**: MIT; **Max Siegel**: Massachusetts Institute of Technology; **Laura Schulz**: Massachusetts Institute of Technology

P2-LL-473: Distinguishing Between Process Models of Causal Learning

Presenting Author: **Lucas Castillo**, University of Edinburgh

Simon Valentin: University of Edinburgh; **Lucas Castillo**: University of Warwick; **Adam Sanborn**: University of Warwick; **Chris Lucas**: University of Edinburgh

P2-LL-474: Belief updating patterns and social learning in stable and dynamic environments

Presenting Author: **Trisevgeni Papakonstantinou**, University College London

Trisevgeni Papakonstantinou: University College London; **Nichola J Raihani**: University College London; **David Lagnado**: University College London

P2-LL-475: Effects of causal structure and evidential impact on probabilistic reasoning

Presenting Author: **Can Konuk**, Institut Jean Nicod

Can Konuk: Institut Jean Nicod; **Nicolas Navarre**: University of Edinburgh; **Salvador Mascarenhas**: Ecole Normale Supérieure

P2-LL-476: "I'm here for my gender, not my skill": Causal reasoning shapes beliefs about merit in response to DEI initiatives

Presenting Author: **Aarthi Popat**, Yale University

Aarthi Popat: Yale University; **Julia Anne Leonard**: Yale University

P2-LL-477: Generating Distributed Randomness using Artificial Neural Networks

Presenting Author: **Kinsey Antonina Church**, University of Ottawa

Kinsey A Church: University of Ottawa; **Marija Bolic**: University of Ottawa; **Sylvain Chartier**: University of Ottawa

P2-LL-478: A "Rational" Framework for Self-Control

Presenting Author: **Adan Alberto Gomez**, Rensselaer Polytechnic Institute

Adan Alberto Gomez: Rensselaer Polytechnic Institute; **Ron Sun**: RPI

P2-LL-479: Data-driven cognitive skills with an application in personalized education

Presenting Author: **Niels Taatgen**, University of Groningen

Niels Taatgen: University of Groningen; **Corné Hoekstra**: University of Groningen; **Jori Blankestijn**: MemoryLab

P2-LL-480: Modeling the development of intuitive mechanics

Presenting Author: **Joshua K. Hartshorne**, Boston College

Tianyi Li: Boston College; **Mengguo Jing**: The Ohio State University; **Zakir Makhani**: Northeastern University; **Iris Oved**: Boston College; **Nikhil Krishnaswamy**: Colorado State University; **James Pustejovsky**: Brandeis University; **Joshua K Hartshorne**: Boston Coll

P2-LL-481: The Development of Conceptual Compositionality in Children

Presenting Author: **Stephanie Alderete**, University of California, Berkeley

Stephanie Alderete: University of California, Berkeley; **Wenqing Cao**: University of California, Berkeley; **Steven Piantadosi**: UC Berkeley; **Fei Xu**: UC Berkeley

P2-LL-482: The effect of encoding context on false memory formation in a picture-based category associates procedure

Presenting Author: **İrem Küsmüş**, Sabancı University

İrem Küsmüş: Sabancı University; **Olesya Blazhenkova**: Sabancı University

P2-LL-483: Probability Learning and Repeated Choice in Childhood: A Longitudinal Study

Presenting Author: **Anna I. Thoma**, Max-Planck-Institute for Human Development

Anna Isabel Thoma: Max-Planck-Institute for Human Development; **Christin Schulze**: UNSW

P2-LL-484: The development of mental simulation as a strategy for solving problems with multiple alternatives

Presenting Author: **Emma Tecwyn**, York St John University

Emma C Tecwyn: York St John University; **Angela Nyhout**: University of Kent

P2-LL-485: Brain Breaks: Teacher Usage And Child Preference

Presenting Author: Praveen Kumaravelan, University of Maryland, Baltimore County

Praveen Kumaravelan: University of Maryland, Baltimore County; Audrey Leroux: Georgia State University; Karrie E. Godwin: University of Maryland Baltimore County

P2-LL-486: Can we Google That?: Children's Beliefs about the Capacities of Three Technological Devices

Presenting Author: Lauren Girouard-Hallam, University of Michigan

Lauren Girouard-Hallam: University of Michigan; Judith Danovitch: University of Louisville

P2-LL-487: Two heads are better than one: Six-year-olds' use of social cognitive offloading in working memory

Presenting Author: Chen Cheng, the Hong Kong University of Science and Technology

Chen Cheng: the Hong Kong University of Science and Technology; Hongdian Zhang: the Hong Kong University of Science and Technology

P2-LL-488: Developmental Origins of Ordered Memory Recall Tendencies

Presenting Author: Lily Dicken, University of Queensland

Lily S Dicken: University of Queensland; Thomas Suddendorf: University of Queensland; Kristy L Armitage: The University of Queensland; Jonathan Redshaw: University of Queensland

P2-LL-489: Pupil dynamics open eyes to links between word learning and interest

Presenting Author: Samuel Forbes, Durham University

Samuel Forbes: Durham University; Lucy Elizabeth Edgar: Durham University; Shuai Shao: Bard College

P2-LL-490: Function composition in human infants: 15-month-olds spontaneously combine two newly learned functions of a tool

Presenting Author: Barbara Pomiechowska, University of Birmingham

Barbara Pomiechowska: University of Birmingham; Erno Teglas: Central European University; Agnes Kovacs: Central European University

P2-LL-491: Compositionality in Chinese Characters: Evidence from English-speaking Children

Presenting Author: Min Tang, University of California, Berkeley

Min Tang: University of California, Berkeley; Rongzhi Liu: University of Chicago; Fei Xu: UC Berkeley

P2-LL-492: Violations of Core Object Principles Change Adults' Behaviors in Maze Games

Presenting Author: Rongzhi Liu, University of Chicago

Rongzhi Liu: University of Chicago; Fei Xu: UC Berkeley

P2-LL-493: Show me, don't teach me: Active exploration promotes children's relational reasoning

Presenting Author: Jiyue Yang; Sophia Deng, University of Macau

Jiyue Yang: University of Macau; Yu Han: University of Macau; Sophia W Deng: Xi'an Jiaotong-Liverpool University

P2-LL-494: Parents modify their prosody when asking questions with pedagogical intent

Presenting Author: Igor Bascandziev, Harvard University

Igor Bascandziev: Harvard University; Patrick Shafto: Rutgers University - Newark; Elizabeth Bonawitz: Harvard University

P2-LL-495: Communication-based belief attribution: Do infants encode better others' beliefs induced via communication or the ones induced via visual cues?

Presenting Author: Bartug Celik, Central European University

Bartug Celik: Central European University; Agnes Kovacs: Central European University

P2-LL-496: Multi-level Team Coordination Dynamics during Simulation-Based Medical Team Training

Presenting Author: Travis J. Wiltshire, Tilburg University

Kyana van Eijndhoven: Tilburg University; Travis J. Wiltshire: Tilburg University; Josette M.P. Gevers: Eindhoven University of Technology; Elwira A. Hałgas: Eindhoven University of Technology; Annemarie Fransen: Máxima Medisch Centrum

P2-LL-497: Beyond synchrony: Exploring the social relevance of complexity matching.

Presenting Author: Amber Brown, University of Western Australia

Amber Jade Brown: University of Western Australia; Margaret Catherine Macpherson: Macquarie University; Lynden K. Miles: University of Western Australia

P2-LL-498: Reward Count(s): Negative Recency in Probabilistic Experience-Based Learning

Presenting Author: René Schlegelmilch, University of Bremen

René Schlegelmilch: University of Bremen; Andy J Wills: Plymouth University; Bettina von Helversen: University of Bremen

P2-LL-499: The TECo Database: Insights on The Semantic Organization of The Ecological Domain.

Presenting Author: Ilenia Falcinelli, Sapienza University of Rome

Ilenia Falcinelli: Sapienza University of Rome; Chiara Fini: Sapienza University of Rome; Claudia Mazzuca: Sapienza University of Rome; Anna Borghi: Sapienza University of Rome

P2-LL-500: Individual Differences in Concept Dominance

Presenting Author: Willem Jacob Louter, Erasmus University Rotterdam

Willem Jacob Louter: Erasmus University Rotterdam; Sam Jabbari: Erasmus University Rotterdam; Sandra Blythin Constantinou Juhasz: Erasmus University Rotterdam; Steven Verheyen: Erasmus University Rotterdam

P2-LL-501: Using eye fixations in probabilistic categorization to predict declarative retrieval on relevant exemplar features

Presenting Author: Martín Montesinos, Universidad Adolfo Ibáñez
Martín Montesinos: Universidad Adolfo Ibáñez; **Antonia Olgúi:** Universidad Adolfo Ibáñez; **Vicente Soto:** Universidad Adolfo Ibáñez; **Sergio E. Chaigneau:** Adolfo Ibanez University; **Nicolas Marchant:** Universidad Adolfo Ibáñez

P2-LL-502: Visual alignment promotes rapid learning of functional relations

Presenting Author: Yujia Zhang, The Ohio State University
Yujia Zhang: The Ohio State University; **John Opfer:** The Ohio State University

P2-LL-503: The effect of jargon on perceptions of explanation quality: Reconciling contradictory findings

Presenting Author: Francisco Cruz, Faculty of Psychology, University of Lisbon
Francisco Cruz: Faculty of Psychology, University of Lisbon; **Tania Lombrozo:** Princeton University

P2-LL-504: Iconic Gestures – a Double-Edged Sword for Creative Imagery

Presenting Author: Gyulten Hyusein, Koç University
Gyulten Hyusein: Koç University; **Dila Gürer:** Koç University; **Melek Öyküm Yalçın:** Goethe University; **Tilbe Göksun:** Koç University

P2-LL-505: Exploring Individuality in Dance: Unveiling Unique Signatures of Dancers in Choreographic and Dyadic Dance Settings

Presenting Author: Prince Varshney, International Institute of Information Technology, Hyderabad
Prince Varshney: International Institute of Information Technology, Hyderabad; **Martin Hartmann:** University of Jyväskylä; **Emily Carlson:** University of Jyväskylä; **Petri Toivainen:** University of Jyväskylä; **Vinoo Alluri:** International Institute of Information Technology, Hyderabad

P2-LL-506: Impact of dancers' music-induced emotions on their body movements

Presenting Author: Yukina Natsume, NTT Communication Science Laboratories
Yukina Natsume: NTT Communication Science Laboratories; **Aiko Murata:** Nippon Telegraph and Telephone Corporation; **Kazuaki Honda:** Nippon Telegraph and Telephone Corporation; **Naoki Saito:** NTT Communication Science Laboratories

P2-LL-507: Three perspectives on decisions under risk and uncertainty: A comparative analysis of potential discrepancies and their explanations

Presenting Author: Olivia Fischer, University of Zurich
Olivia Fischer: University of Zurich; **Aaron Benjamin Lob:** University of Zurich; **Renato Frey:** University of Zurich

P2-LL-508: Uncertainty-driven little alchemists: Differences in exploration strategies between adults and children in an online game

Presenting Author: Franziska Brändle, Max Planck Institute for Biological Cybernetics

Franziska Brändle: Max Planck Institute for Biological Cybernetics; **Silja Kessler:** Max Planck Institute for Biological Cybernetics; **Azzurra Ruggeri:** Technical University Munich; **Eric Schulz:** Max Planck Institute for Biological Cybernetics

P2-LL-509: Recovering individual mental representations of facial affect using Variational Auto-Encoder Guided Markov Chain Monte Carlo with People

Presenting Author: Haijiang Yan, University of Warwick
Haijiang Yan: University of Warwick; **Nick Chater:** University of Warwick; **Christian Tsvetkov:** University of Warwick; **Adam Sanborn:** University of Warwick

P2-LL-510: Mood and social influence: the role of metacognitive ability

Presenting Author: Cem Karbuz, Koç University
Cem Karbuz: Koç University; **Terry Eskanazi:** Koc University

P2-LL-511: Full-Information Optimal-Stopping Problems: Providing People with the Optimal Policy Does not Improve Performance

Presenting Author: Henrik Singmann, UCL
Henrik Singmann: UCL; **Yunxi Xiong:** UCL; **Yue SONG:** UCL; **Mia Breen:** University College London; **Christiane Baumann:** Harvard Kennedy School

P2-LL-512: A Question of Beliefs. Metacognitive Judgments about Fake News Detection

Presenting Author: Nora Cremille, Technische Universität Darmstadt
Nora Cremille: Technische Universität Darmstadt; **Björn Matthes:** Technische Universität Darmstadt; **Stephanie Pieschl:** Technische Universität Darmstadt

P2-LL-513: Framing the Exploration-Exploitation Trade-Off: Distinguishing Between Minimizing Losses and Maximizing Gains

Presenting Author: Ludwig Danwitz, University of Bremen
Ludwig Danwitz: University of Bremen; **Ann-Katrin Hosch:** University of Bremen; **Bettina von Helversen:** University of Bremen

P2-LL-514: Choice Architecture Induces Distortions in Economic Values: a Test across Two Memory Elicitations

Presenting Author: Magdalena Soukupova, Ecole Normale Supérieure

Magdalena Soukupova: Ecole Normale Supérieure; **Stefano Palminteri:** École normale supérieure

P2-LL-515: Comparing Theories that Posit a Role for Task Features in Strategy Selection

Presenting Author: **Xinyu Xie**, Mississippi State University
Xinyu Xie: Mississippi State University; **Jarrod Moss**: Mississippi State University

P2-LL-516: Social Learning via Bayesian Inverse Reinforcement Learning: Learning from and about a Learner

Presenting Author: **Alexandra F. Ortmann**, Stony Brook University
Alexandra Ortmann: Stony Brook University; **Anurag Dutt**: Stony Brook University; **Christian Luhmann**: Stony Brook University

P2-LL-517: Modeling Social Learning Through Demonstration in Multi-Armed Bandits

Presenting Author: **Julio Martinez**, Stanford University
Julio Martinez: Stanford University; **Michael C. Frank**: Stanford University; **Nick Haber**: Stanford

P2-LL-518: Timing Is Everything: Effects Of Temporal Delay Of Confidence Judgments In Memory Decision-Making

Presenting Author: **Isabella Klopukh**, Florida Atlantic University
Isabella Rose Sky Klopukh: Florida Atlantic University; **Kevin P Darby**: Florida Atlantic University

P2-LL-519: Temporally extended decision-making through episodic sampling

Presenting Author: **Corey Zhou**, University of California, San Diego
Corey Yishan Zhou: University of California, San Diego; **Deborah Talmi**: University of Cambridge; **Nathaniel Daw**: Princeton University; **Marcelo G Mattar**: New York University

P2-LL-520: The Effects of Repetition on Truth Judgments and Confidence for Statements with Different Truth Values

Presenting Author: **Terry Eskenazi**, Koç University
Derin Eda Saniz Balderrama: Koç University; **Terry Eskenazi**: Koç University; **Esra Oğuz Taşbaş**: 29 Mayıs University

P2-LL-521: Modeling the Link between the Plausibility of Statements and the Illusory Truth Effect

Presenting Author: **Semih C. Aktepe**, University of Marburg
Semih C. Aktepe: University of Marburg; **Daniel W. Heck**: University of Marburg

P2-LL-522: Self induced framing as a cognitive strategy for decision-making

Presenting Author: **Marc-Lluis Vives**, Leiden University
Marc-Lluis Vives: Leiden University; **Pablo Leon Villagra**: Brown University

P2-LL-523: Partial Verb Learning via Observational Contexts

Presenting Author: **Nina Schoener**, University of California, Berkeley
Nina Schoener: University of California, Berkeley; **Sumarga H. Suanda**: University of Connecticut

P2-LL-524: Social norms as an interactive process: An agent-based cognitive modelling study

Presenting Author: **Marieke Woensdregt**, Radboud University
Yue Chen: Radboud University; **Tibor Bosse**: Radboud University; **Marieke Woensdregt**: Radboud University

P2-LL-525: Perceived Vocal Congruence Varies Across Gender Identities

Presenting Author: **Chiara De Livio**, Sapienza University of Rome
Chiara De Livio: Sapienza University of Rome; **Claudia Mazzuca**: Sapienza University of Rome; **chiara fini**: Sapienza University of Rome; **Anna Borghi**: Sapienza University of Rome

P2-LL-526: Feelings and Actions in Threatening Virtual Reality Environments

Presenting Author: **Lukas Kornemann**, University of Bonn
Lukas Kornemann: University of Bonn; **Ulises Daniel Serratos Hernandez**: UCL Queen Square Institute of Neurology, University College London; **Jules Brochard**: University of Bonn; **Dominik R. Bach**: University College London

P2-LL-527: Transition Expertise: A study of individuals who succeeded repeatedly in life and career transitions

Presenting Author: **Fernand Gobet**, London School of Economics and Political Science
Christopher Connolly: N/A; **Fernand Gobet**: London School of Economics and Political Science

P2-LL-528: What can language tell us about anxiety: A novel emotion Stroop task

Presenting Author: **Alina Hussain**, University of Birmingham
Alina Hussain: University of Birmingham; **Yaling Hsiao**: University of Birmingham

P2-LL-529: The Language of an Empathy-Inducing Narrative

Presenting Author: **Emma S. Gueorguieva**, The University of Texas at Austin
Emma Gueorguieva: The University of Texas at Austin; **Tatiana Lau**: Toyota Research Institute; **Eliana Hadjiandreou**: University of Texas at Austin; **Desmond Ong**: The University of Texas at Austin

P2-LL-530: Effects of Dynamic Facial Expressions of Positive and Negative Emotions on Recognition Memory

Presenting Author: **Mika Wakui**, Waseda University
Mika Wakui: Waseda University; **Kae Mukai**: Waseda University; **Chihiro Saegusa**: Kao Corporation; **Haruko Sugiyama**: Kao Corporation; **Yoko Tsuchiya**: Kao Corporation; **Misaki Kawashima**: Kao Corporation.; **Katsumi Watanabe**: Waseda University

P2-LL-531: Intervening on Emotions by Planning Over a Theory of Mind

Presenting Author: **Tony Chen**, MIT

Tony Chen: MIT; **Sean Dae Houlihan**: Dartmouth; **Kartik Chandra**: MIT; **Josh Tenenbaum**: MIT; **Rebecca Saxe**: MIT

P2-LL-532: Access to inner language enhances memory for events

Presenting Author: **Louise Connell**, Maynooth University

Louise Connell: Maynooth University; **Briony Banks**: Lancaster University

P2-LL-533: When does suggestive language shape memory for car accidents? Assessing the role of elaboration and pragmatics in a classic framing effect

Presenting Author: **Kevin J. Holmes**, Reed College

Kevin J. Holmes: Reed College; **Lena Kassin**: Reed College; **Stephen Flusberg**: Vassar College

P2-LL-534: Are Abstract Relational Roles Encoded Visually? Evidence from Priming Effects

Presenting Author: **Alexander Alexandrov Petrov**, Ohio State University

Alexander Alexandrov Petrov: Ohio State University; **Yuhui Du**: Ohio State University

P2-LL-535: What binds non-contiguous events together?

Presenting Author: **Viviana Sastre Gomez**, The University of Melbourne

Viviana Sastre Gomez: The University of Melbourne; **Rebecca Defina**: University of Melbourne; **Paul Michael Garrett**: University of Melbourne; **Jeffrey M. Zacks**: Washington University in Saint Louis; **Simon Dennis**: The University of Melbourne

P2-LL-536: Event Distribution in Daily Life: A Replication Study.

Presenting Author: **Viviana Sastre Gomez**, The University of Melbourne

Viviana Sastre Gomez: The University of Melbourne; **Rebecca Defina**: University of Melbourne; **Paul Michael Garrett**: University of Melbourne; **Jeffrey M. Zacks**: Washington University in Saint Louis; **Simon Dennis**: The University of Melbourne

P2-LL-537: Exploring the Influence of Verbal and Nonverbal Similarities on the Verbal overshadowing Effect in Facial Recognition

Presenting Author: **Yuki Tsukamura**, The University of Tokyo

Yuki Tsukamura: The University of Tokyo; **Kensuke Okada**: The University of Tokyo

P2-LL-538: Intentional facial expression variation per taste preference for beverages

Presenting Author: **Kae Mukai**, Faculty of Science and Engineering

Kae Mukai: Faculty of Science and Engineering; **kensuke**

nakazato: Faculty of Science and Engineering; **Katsumi**

Watanabe: Waseda University

P2-LL-539: Mind Perception at Play: Exploring Agent and Action Dynamics in Real-Time Human-Robot Interaction

Presenting Author: **Tuğçe Nur Pekçetin**, Middle East Technical University

Tuğçe Nur Pekçetin: Middle East Technical University; **Şeyda Evsen**: Bilkent University; **Serkan Pekçetin**: Middle East Technical University; **Cengiz Acarturk**: Jagiellonian University; **Burcu A. Urgen**: Bilkent University

P2-LL-540: Sorry! You lost me at restudy: The power of engagement during successive study

Presenting Author: **Alejandro Carranza**, University of California, San Diego

Alejandro Carranza: University of California, San Diego; **Emma H Geller**: University of California San Diego; **Tim C Rickard**: University of California, San Diego

P2-LL-541: The role of interaction in online language learning

Presenting Author: **Olga Feher**, University of Warwick

Olga Feher: University of Warwick

P2-LL-542: Conversational launch pads: Strangers start their conversations with topics that lead to many other topics

Presenting Author: **Emma Templeton**, Dartmouth

Emma Templeton: Dartmouth; **Luke Chang**: Dartmouth College; **Thalia Wheatley**: Dartmouth

P2-LL-543: Slow mapping words as incremental meaning refinement

Presenting Author: **Ella Markham**, The University of Edinburgh

Ella Markham: The University of Edinburgh; **Hugh Rabagliati**: University of Edinburgh; **Neil R. Bramley**: University of Edinburgh

P2-LL-544: Disfluency in Speech and Gestures: Windows into Metacognitive Processes

Presenting Author: **Begüm Yılmaz**, Koc University

Begum Yılmaz: Koc University; **Emel Nur Kaya**: Baskent University; **Sultan Karakaş**: Hacettepe University; **Reyhan Furman**: University of Central Lancashire; **Tilbe Göksun**: Koç University; **Terry Eskenazi**: Koc University

P2-LL-545: Does child-directed speech facilitate language development in all domains? A study space analysis of the existing evidence.

Presenting Author: **Vera Kempe**, Abertay University

Vera Kempe: Abertay University; **Mitsuhiko Ota**: University of Edinburgh; **Sonja Schaeffler**: Queen Margaret University Edinburgh

P2-LL-546: A Comparative Bayesian Meta-Analysis of Reaction Time-Based Tasks in Developmental Dyslexia

Presenting Author: **Nicole Zapparrata**, College of Staten Island
Nicole Zapparrata: College of Staten Island; **Christopher Donnan Gravelle**: College of Staten Island, CUNY; **Patricia J. Brooks**: College of Staten Island and the Graduate Center, CUNY

P2-LL-547: A large-scale comparison of cross-situational word learning models

Presenting Author: **George Kachergis**, Stanford University
George Kachergis: Stanford University; **Michael C. Frank**: Stanford University

P2-LL-548: What are you looking at? Beyond typing speed and formal training for assessing typing expertise

Presenting Author: **Svetlana Pinet**, BCBL
Svetlana Pinet: BCBL

P2-LL-549: The time boundary of sensorimotor integration between graspable object nouns and adjectives: behavioural evidence.

Presenting Author: **Gioacchino Garofalo**, University of Bologna
Gioacchino Garofalo: University of Bologna; **Lucia Riggio**: University of Parma; **Francesco Bianchini**: University of Bologna; **Elena Gherri**: Università di Bologna

P2-LL-550: Investigating Exemplar-Based Processes in Quantitative Judgments: A Multi-Method Approach

Presenting Author: **Florian I Seitz**, University of Basel
Florian I Seitz: University of Basel; **Rebecca Albrecht**: Faculty of Psychology, University of Basel; **Bettina von Helversen**: University of Bremen; **Jörg Rieskamp**: Faculty of Psychology, University of Basel; **Agnes Rosner**: Institute of Psychology, Leibniz Univ

P2-LL-551: Towards a Unified Model Describing Multiple Tasks: Extending the Retrieving Effectively from Memory Model to Categorization

Presenting Author: **Sinem Aytac**, Syracuse University
Sinem Aytac: Syracuse University; **Yu-Wei Chang**: Syracuse University; **Michael Kalish**: Syracuse University; **Daniel Corral**: Syracuse University

P2-LL-552: Ingredients of a Narrative: How an Abstract Feature Space and Event Position Contribute to a Situation Model

Presenting Author: **Silvy H.P. Collin**, Radboud University
Rene Terpotten: Radboud University; **Roel M. Willems**: Radboud University; **Monique Flecken**: University of Amsterdam; **Silvy H.P. Collin**: Tilburg University

P2-E-553: Evaluating language model alignment with free associations

Presenting Author: **Dirk Wulff**, Max Planck Institute for Human Development

Dirk U Wulff: Max Planck Institute for Human Development; **Zak Hussain**: University of Basel; **Samuel Aeschbach**: Max Planck Institute for Human Development; **Rui Mata**: University of Basel

P2-LL-554: Toward a Computational Model of Design Abstraction for Ill-Structured Problems

Presenting Author: **Ryan Bruggeman**, Northeastern University
Ryan Bruggeman: Northeastern University; **Estefania Ciliotta Chehade**: Northeastern University; **Tucker J Marion**: Northeastern University; **Paolo Ciuccarelli**: Northeastern University

P2-LL-555: On quantifying schematicity of future narratives

Presenting Author: **Isaac Kinley**, University of Toronto
Isaac Kinley: University of Toronto; **Donna Rose Addis**: Rotman Research Institute; **Samuel Fynes-Clinton**: Rotman Research Institute; **Reece Roberts**: University of Auckland; **Yang Xu**: University of Toronto

P2-LL-556: Does implicit mentalising involve the representation of others' mental state content? Examining domain-specificity with an adapted Joint Simon task: A registered report

Presenting Author: **Malcolm Ka Yu Wong**, Lancaster University
Malcolm Ka Yu Wong: Lancaster University; **Marina Bazhydai**: Lancaster University; **Calum Hartley**: Lancaster University; **Jessica Wang**: Lancaster University

P2-LL-557: Impact of nameability, presentation configuration, and placement structure on object location memory

Presenting Author: **Flurina L. Brodwolf**, University of Bern
Flurina L. Brodwolf: University of Bern; **Beat Meier**: University of Bern

P2-LL-558: Thinking in proportions rather than probabilities facilitates Bayesian reasoning

Presenting Author: **Katharina Loibl & Timo Leuders**, University of Education Freiburg
Katharina Loibl: University of Education Freiburg; **Timo Leuders**: University of Education Freiburg

P2-LL-559: A Rational Analysis of the Speech-to-Song Illusion

Presenting Author: **Raja Marjeh**, Princeton University
Raja Marjeh: Princeton University; **Pol van Rijn**: Max Planck Institute for Empirical Aesthetics; **Ilia Sucholutsky**: Princeton University; **Harin Lee**: Max Planck Institute for Human Cognitive and Brain Sciences; **Tom Griffiths**: Princeton University; **Nori Jac**

P2-LL-560: Evaluating the Predictive Power of Tasks and Items in IQ Tests

Presenting Author: **Sara Todorovikj**, HBK-Zwickau
Joshua Bickle: HBK-Zwickau; **Sara Todorovikj**: University of Technology Chemnitz; **Marco Ragni**: TU Chemnitz

P2-LL-561: Visual accentuation constrains the structure of perceptual organization

Presenting Author: **Liga Zarina**, University of Latvia
Jurgis Skilters: University of Latvia; **Liga Zarina**: University of Latvia; **Baingio Pinna**: University of Sassari; **Megija Lelde Gintere**: University of Latvia; **Santa Bartuševica**: University of Latvia; **Solvita Umbrasko**: University of Latvia; **Ardis Platkājis**: R

P2-LL-562: Randomly Generating Stereotypes: Can We Understand Implicit Attitudes with Random Generation?

Presenting Author: **Johanna Falben**, University of Amsterdam
Johanna Falben: University of Amsterdam; **Lucas Castillo**: University of Warwick; **Pablo Leon Villagra**: Brown University; **Nick Chater**: University of Warwick; **Adam Sanborn**: University of Warwick

P2-PP-563: How spatial simulations distinguish "tracking" verbs

Presenting Author: **Maria Kon**, U.S. Naval Research Laboratory
Maria Kon: U.S. Naval Research Laboratory; **Sangeet Khemlani**: U.S. Naval Research Laboratory

POSTER SESSION 3:

SATURDAY, JULY 27 13:00-15:00

P3-B-564: Individual Differences in Self-Referential versus Learning-Oriented Metaphors on Learning Outcomes

Presenting Author: **Alexia Toskos Dils**, Purchase College, SUNY
Alexia Toskos Dils: Purchase College, SUNY

P3-C-565: Weaving the Fabric of Mathematics: Grounding Mathematical Knowledge in Fibre Technologies

Presenting Author: **Larissa Mendoza Straffon**, University of Bergen

Larissa Mendoza Straffon: University of Bergen

P3-E-566: Spot the Spy: Exploring Natural Question-Asking in Gaming Environments

Presenting Author: **Gal Sasson Lazovsky**, Technion - Israel Institute of Technology

Gal Sasson: Technion - Israel Institute of Technology; **Benjamin T Cook**: Shenkar College; **Vered Pnueli**: Shenkar; **Yoed Kenett**: Technion - Israel Institute of Technology

P3-E-567: On Structure, Dynamics, and Adaptivity for Biological and Mental Processes: a Higher-Order Adaptive Dynamical System Modeling Perspective

Presenting Author: **Jan Treur**, Vrije Universiteit Amsterdam

Jan Treur: Vrije Universiteit Amsterdam

P3-E-568: Concept Alignment as a Prerequisite for Value Alignment

Presenting Author: **Sunayana Rane**, Princeton University

Sunayana Rane: Princeton University; **Mark K Ho**: Stevens Institute of Technology; **Ilia Sucholutsky**: Princeton University; **Tom Griffiths**: Princeton University

P3-E-569: Processing of scene intrinsics in the ventral visual stream for object recognition

Presenting Author: **Shreya Kapoor**, Friedrich-Alexander-Universität Erlangen-Nürnberg

Shreya Kapoor: Friedrich-Alexander-Universität Erlangen-Nürnberg; **Bernhard Egger**: Friedrich-Alexander-Universität Erlangen-Nürnberg

P3-E-570: Learning abstractions from discrete sequences

Presenting Author: **Shuchen Wu**, Max Planck Institute for Biological Cybernetics

Shuchen Wu: Max Planck Institute for Biological Cybernetics; **Mirko Thalmann**: Max Planck Institute for Biological Cybernetics; **Eric Schulz**: Max Planck Institute for Biological Cybernetics

P3-E-571: Modelling Cross-Situational Learning on Full Sentences in Few Shots with Simple RNNs

Presenting Author: **Xavier Hinaut**, Inria

Xavier Hinaut: Inria; **Subba Reddy Oota**: Inria; **Alexandre Variengien**: Inria; **Frederic Alexandre**: Inria-Research

P3-E-572: Abstracted Gaussian Prototypes for One-Shot Concept Learning

Presenting Author: **Kenneth Kurtz**, Binghamton University
Chelsea Zou: Binghamton University; **Kenneth Kurtz**: Binghamton University

P3-E-573: Can deep convolutional networks explain the semantic structure that humans see in photographs?

Presenting Author: **Siddharth Suresh**, University of Wisconsin-Madison
Siddharth Suresh: University of Wisconsin-Madison; **Wei-Chun Huang**: University of Wisconsin-Madison; **Kushin Mukherjee**: University of Wisconsin-Madison; **Timothy T Rogers**: University of Wisconsin-Madison

P3-E-574: A general framework for hierarchical perception-action learning

Presenting Author: **Serge Thill**, Radboud University
Tara Carette: Radboud University; **Serge Thill**: Radboud University

P3-E-576: Compositionality is underutilized in language: The case of English adjective-noun phrases in humans and large language models

Presenting Author: **Aalok Sathe**, Massachusetts Institute of Technology
Aalok Sathe: Massachusetts Institute of Technology; **Evelina Fedorenko**: Massachusetts Institute of Technology; **Noga Zaslavsky**: UCI

P3-E-577: Infinite Ends from Finite Samples: Open-Ended Goal Inference as Top-Down Bayesian Filtering of Bottom-Up Proposals

Presenting Author: **Tan Zhi-Xuan**, Massachusetts Institute of Technology
Tan Zhi-Xuan: Massachusetts Institute of Technology; **Gloria Kang**: Massachusetts Institute of Technology; **Vikash Mansinghka**: MIT; **Josh Tenenbaum**: MIT

P3-E-578: Bridging the Gap: Advancing Commonsense Question Answering with Integrated Multi-Modal Knowledge

Presenting Author: **Yongqiang Zhao**, Peking University
Yongqiang Zhao: Peking University; **Zhi Jin**: Peking University; **Feng Zhang**: Academy of Military Sciences; **Xinhai Xu**: Academy of Military Sciences; **Donghong Liu**: Academy of Military Sciences

P3-E-579: Estimating human color-concept associations from multimodal language models

Presenting Author: **Kushin Mukherjee**, University of Wisconsin-Madison
Kushin Mukherjee: University of Wisconsin-Madison; **Timothy Rogers**: UW-Madison; **Karen Schloss**: University of Wisconsin, Madison

P3-E-580: Doing Experiments and Revising Rules|| with Natural Language and Probabilistic Reasoning

Presenting Author: **Top Piriyakulkij**, Cornell University
Top Piriyakulkij: Cornell University; **Kevin Ellis**: Cornell

P3-E-581: A Novel Self-Supervised Learning Method for Sleep Staging and its Pilot Study on Patients with Disorder of Consciousness

Presenting Author: **Jingcong Li**, South China Normal University
Jingcong Li: South China Normal University; **Quanlin Chen**: South China Normal University; **Jiahui Pan**: South China Normal University; **Haiyun Huang**: South China Normal University

P3-E-582: Naturalistic Transmission of Causal Knowledge between Machines and Humans

Presenting Author: **Cedric Colas**, MIT
Cedric Colas: MIT; **Tracey Mills**: MIT; **Ben Prystawski**: Stanford University; **Michael Henry Tessler**: Google DeepMind; **Noah Goodman**: Stanford University; **Jacob Andreas**: MIT; **Josh Tenenbaum**: MIT

P3-E-583: Perceptions of Compromise: Comparing Consequentialist and Consequentialist Accounts

Presenting Author: **Jared Moore**, Stanford University
Jared Moore: Stanford University; **Sydney Levine**: Allen Institute for Artificial Intelligence; **Yejin Choi**: Allen Institute for Artificial Intelligence

P3-E-584: Behavioral Sensing: An Exploratory Study to Assess Self-Regulated Learning and Resource Management strategy of University Students using Mobile Sensing

Presenting Author: **Tongyu Zhao**, University of Minho
Tongyu Zhao: University of Minho; **Jiaying Gao**: School of Artificial Intelligence; **Yu Feng**: University of Minho; **Yatong Zu**: Jilin University; **Adriano Tavares**: University of Minho; **Tiago Gomes**: University of Minho; **Hao Xu**: Jilin University

P3-E-585: EFMLNet: Fusion Model Based on End-to-End Mutual Information Learning for Hybrid EEG-fNIRS Brain-Computer Interface Applications

Presenting Author: **Lina Qiu**, South China Normal University
Lina Qiu: South China Normal University; **Weisen Feng**: South China Normal University; **Zuorui Ying**: South China Normal University; **Jiahui Pan**: South China Normal University

P3-E-586: EEG-Based Emotion Recognition via Convolutional Transformer with Class Confusion-Aware Attention

Presenting Author: **Jiahui Pan**, South China Normal University
Jiahui Pan: South China Normal University; **Chenyu Bai**: South China Normal University

P3-E-587: Actively learning a Bayesian matrix fusion model with deep side information

Presenting Author: **Jordan W. Suchow**, Stevens Institute of Technology

Yangyang Yu: Stevens Institute of Technology; **Jordan W. Suchow**: Stevens Institute of Technology

P3-E-588: Loose LIPS Sink Ships: Asking Questions in Battleship with Language-Informed Program Sampling

Presenting Author: **Gabriel Grand**, MIT

Gabriel Grand: MIT; **Valerio Pepe**: Harvard University; **Jacob Andreas**: MIT; **Josh Tenenbaum**: MIT

P3-E-589: Age-Dependent Analysis and Stochastic Generation of Child-Directed Speech

Presenting Author: **Okko Räsänen**, Tampere University

Okko Räsänen: Tampere University; **Daniil Kocharov**: Tampere University

P3-E-590: On the Use of Language and Vision Models for Cognitive Science: The Case of Naming Norms

Presenting Author: **Zhirui Chen**, University of Amsterdam

Zhirui Chen: University of Amsterdam; **Andreas Mädebach**: Universidad Pompeu Fabra; **Eleonora Gualdoni**: Universitat Pompeu Fabra; **Gemma Boleda**: Universitat Pompeu Fabra

P3-E-591: Testing Causal Models of Word Meaning in LLMs

Presenting Author: **Sam Musker**, Brown University

Sam Musker: Brown University; **Ellie Pavlick**: Brown University

P3-E-592: Implicit Bias in Language Models – A Narrative Literature Review with Systematic Elements

Presenting Author: **Kevin D. Kiy**, Maynooth University

Kevin Kiy: Maynooth University; **Dermot Lynott**: Maynooth University; **Diarmuid O'Donoghue**: Maynooth University

P3-E-593: Emergent Communication with Stack-Based Agents

Presenting Author: **Daichi Kato**, The University of Tokyo

Daichi Kato: The University of Tokyo; **Ryo Ueda**: The University of Tokyo; **Jason Naradowsky**: University of Tokyo; **Yusuke Miyao**: The University of Tokyo

P3-E-595: Contextual Control of Hopfield Networks in a Hippocampal Model

Presenting Author: **Hugo Chateau-Laurent**, Inria centre at the university of Bordeaux

Hugo Chateau-Laurent: Inria centre at the university of Bordeaux; **Frederic Alexandre**: Inria centre at the university of Bordeaux

P3-E-596: Interpretation of Novel Literary Metaphors by Humans and GPT-4

Presenting Author: **Nicholas Ichien**, University of Pennsylvania

Nicholas Ichien: University of Pennsylvania; **Dušan Stamenković**: Södertörn University; **Keith Holyoak**: University of California, Los Angeles

P3-E-597: Unsupervised Learning for Global and Local Visual Perception Using Navon Figures

Presenting Author: **Kayato Nishitsunoi**, The University of Tokyo

Kayato Nishitsunoi: The University of Tokyo; **Yoshiyuki Ohmura**: The University of Tokyo; **Yasuo Kuniyoshi**: The University of Tokyo

P3-E-598: Autopoiesis meets mechanistic computation: A proof of concept of computational post-cognitivism

Presenting Author: **Stefan Riegł**, Radboud University

Stefan Riegł: Radboud University; **Serge Thill**: Radboud University

P3-E-599: Virtue ethics in autonomous agents

Presenting Author: **Tomasz Zurek**, University of Amsterdam

Tomasz Zurek: University of Amsterdam; **Dorota Stachura-Zurek**: Independent researcher

P3-E-600: The Extracted Mind

Presenting Author: **Louis Loock**, Osnabrück University

Louis Loock M.Sc.: Osnabrück University

P3-E-601: Resource-rational moral judgment

Presenting Author: **Sarah A Wu**, Stanford University

Sarah A Wu: Stanford University; **Xiang Ren**: USC; **Tobias Gerstenberg**: Stanford University; **Yejin Choi**: University of Washington; **Sydney Levine**: Massachusetts Institute of Technology

P3-E-602: Preliminary insights into the effects of ChatGPT on children's creativity

Presenting Author: **Kristy L. Armitage**, The University of Queensland

Kristy L Armitage: The University of Queensland; **Jessica Crimston**: The University of Queensland; **Jonathan Redshaw**: University of Queensland

P3-E-603: In search for complementarity: evaluating confirmation trees across domains and varying levels of human expertise

Presenting Author: **Julian Berger**, Max Planck Institute for Human Development

Julian Berger: Max Planck Institute for Human Development; **Frederik Andersen**: University of Southern Denmark; **Diana Verdes**: University of Southern Denmark; **Kristian Peter Lorenzen**: Aarhus University; **Pantelis Analytis**: University of Southern Denmark; **Ralf**

P3-E-604: Predicting long context effects using surprisal

Presenting Author: **Georgia-Ann Carter**, University of Edinburgh

Georgia-Ann Carter: University of Edinburgh; **Frank Keller**: University of Edinburgh; **Paul Hoffman**: University of Edinburgh

P3-E-605: Experimental Investigation of Explanation Presentation for Visual Tasks with XAI

Presenting Author: **Akihiro Maehigashi**, Shizuoka University

Akihiro Maehigashi: Shizuoka University; **Yosuke Fukuchi**: Tokyo Metropolitan University; **Seiji Yamada**: National Institute of Informatics

P3-E-606: Mapping Mental Representations With Free Associations and the associator R Package

Presenting Author: **Samuel Aeschbach**, Max Planck Institute for Human Development

Samuel Aeschbach: Max Planck Institute for Human Development; **Rui Mata**: University of Basel; **Dirk U Wulff**: Max Planck Institute for Human Development

P3-E-607: Using Compositionality to Learn Many Categories from Few Examples

Presenting Author: **Ilia Sucholutsky**, Princeton University

Ilia Sucholutsky: Princeton University; **Bonan Zhao**: Princeton University; **Tom Griffiths**: Princeton University

P3-E-608: Conflict drives information seeking: how prediction error influences updating of beliefs

Presenting Author: **Felix Thiel**, Department for Psychology

Felix Thiel: Department for Psychology; **Linus Holm**: University of Umeå

P3-E-609: Make Use of Mooney Images to Distinguish between Machines and Humans

Presenting Author: **Jingmeng Li**; **Hui Wei**, Fudan University

Jingmeng Li: Fudan University; **Hui Wei**: Fudan University

P3-E-610: Persuasiveness of arguments with AI-source labels

Presenting Author: **Cassandra Teigen**, London School of Economics and Political Science

Cassandra Teigen: London School of Economics and Political Science; **Jens Koed Madsen**: London School of Economics; **Nicole Lauren George**: London Schools of Economics; **Sayeh Yousefi**: London School of Economics and Political Science

P3-E-611: Needs-guided Robotic Decision-Making based on Independent Reinforcement Learning

Presenting Author: **Zhaotie Hao**, Northwestern Polytechnical University

Zhaotie Hao: Northwestern Polytechnical University; **Bin Guo**: northwestern polytechnical univ.; **Zhuo Sun**: Northwestern Polytechnical University; **Lei Wu**: School of Computer Science Northwestern Polytechnical University; **Kaixing Zhao**: Northwestern Polytechni

P3-E-612: Evaluating and Modeling Social Intelligence: A Comparative Study of Human and AI Capabilities

Presenting Author: **Junqi Wang**, State Key Laboratory of General Artificial Intelligence, Beijing Institute for General Artificial Intelligence (BIGAI)

Junqi Wang: State Key Laboratory of General Artificial Intelligence, Beijing Institute for General Artificial Intelligence (BIGAI); **Chunhui Zhang**: State Key Laboratory of General Artificial Intelligence, Beijing Institute for General Artificial Intelligen

P3-E-613: Human-Like Geometric Abstraction in Large Pre-trained Neural Networks

Presenting Author: **Declan Campbell**, Princeton University

Declan I. Campbell: Princeton University; **Sreejan Kumar**: Princeton Neuroscience Institute; **Tyler Giallanza**: Princeton Neuroscience Institute; **Jonathan Cohen**: Princeton University; **Tom Griffiths**: Princeton University

P3-E-614: A Neural Dynamic Model Autonomously Drives a Robot to Perform Structured Sequences of Action Intentions

Presenting Author: **Stephan Sehring**, Ruhr-Universität Bochum

Stephan Sehring: Ruhr-Universität Bochum; **Richard Julius Paul Koebe**: Institut für Neuroinformatik; **Sophie Aerdker**: Ruhr-Universität Bochum; **Gregor Schöner**: Ruhr-Universität Bochum

P3-F-615: A Little Goes a Long Way: How Gesture Visibility in Video Lectures Impacts Attention and Learning

Presenting Author: **Kyle Samson**, Franklin and Marshall College

Elena C Cuffari: Franklin and Marshall College; **Lauren H. Howard**: Franklin & Marshall College; **Ayako Belka**: Franklin and Marshall College; **Alonna Reilly**: Franklin and Marshall College; **Kyle M Samson**: Franklin & Marshall College; **Jingyi Sun**: Franklin and Marshall College

P3-F-616: The attentional system is tuned to initially orient to happy faces when competing with angry faces: An eye-tracker investigation

Presenting Author: **Lijiya Chacko**, IIT Bombay

Lijiya Chacko: IIT Bombay; **Rashmi Gupta**: IIT Bpmbay

P3-F-617: Finding Structure in Real Time: An Eye Tracking Study on the Statistical Learning of Multiple Linguistic Structures Simultaneously

Presenting Author: **Lucile Vleugels**, University of Colorado, Boulder

Lucile Vleugels: University of Colorado, Boulder; **Lei Yuan**: University of Colorado, Boulder

P3-G-618: Modeling auditory voice recognition improvements by face simulation

Presenting Author: **Christian Gumbsch**, TUD Dresden University of Technology

Christian Gumbsch: TUD Dresden University of Technology; **Martin V. Butz**: University of Tuebingen; **Katharina von Kriegstein**: TU Dresden University of Technology

P3-G-619: Did you say Beer, Deer, or Gear? Exploring the McGurk effect using word stimuli

Presenting Author: **Laura Getz**, University of San Diego

Laura Getz: University of San Diego

P3-J-620: Listener Knowledge Structures Commonsense Explanation

Presenting Author: Yuka Machino, Massachusetts Institute of Technology

Yuka Machino: Massachusetts Institute of Technology; **Ron Shprits:** Massachusetts Institute of Technology; **Max Siegel:** MIT; **Lionel Wong:** Massachusetts Institute of Technology; **Josh Tenenbaum:** MIT

P3-K-621: The Effect of Event Boundaries on 3-Year-Olds' Novel Category Learning

Presenting Author: Alice Xu, University of California, Los Angeles

Alice Xu: University of California, Los Angeles; **James Stigler:** University of California, Los Angeles; **Catherine Sandhofer:** University of California, Los Angeles

P3-K-622: Knowing What Counts for Counting

Presenting Author: Karla Perez, MIT

Karla E Perez: MIT; **Max Siegel:** MIT; **Nicole Coates:** Massachusetts Institute of Technology; **Josh Tenenbaum:** MIT; **Laura Schulz:** Massachusetts Institute of Technology

P3-K-623: Modeling the Emergent Development of Inference-based Goal Anticipation in Infants

Presenting Author: Johanna K. Theuer, University of Tübingen

Johanna Katharina Theuer: University of Tübingen; **Nadine Nicole Koch:** University of Stuttgart; **Christian Gumbisch:** TUD Dresden University of Technology; **Birgit Elsner:** University of Potsdam; **Martin V. Butz:** University of Tuebingen

P3-K-624: A longitudinal study on the production of filled pauses among bilingual and monolingual children

Presenting Author: Burcu Arslan, Koc University

Burcu Arslan: Koc University; **Tilbe Göksun:** Koç University; **Aslı Aktan Erciyes:** Kadir Has University

P3-K-625: Unfolding Structure in the Drawings of Cubes

Presenting Author: Clint A. Jensen, University of Wisconsin - Madison

Clint A. Jensen: University of Wisconsin - Madison; **Timothy T Rogers:** University of Wisconsin- Madison; **Brittany G. Travers:** University of Wisconsin-Madison; **Heather Kirkorian:** University of Wisconsin-Madison; **Karl Rosengren:** University of Rochester

P3-L-626: The contribution of low-level action detection and high-order action recognition on the sensorimotor beta rhythm suppression

Presenting Author: Christian Georgiev, Université Libre de Bruxelles

Christian Marianov Georgiev: Université Libre de Bruxelles; **Scott Mongold:** Université libre de Bruxelles; **Mathieu Bourguignon:** Université Libre de Bruxelles

P3-L-627: Modelling History-Dependent Evidence Accumulation across Species

Presenting Author: Anne Urai, Leiden University

Anne Urai: Leiden University; **Zeynep Gunes Gunes:** Universitat de València; **Kianté Fernandez:** University of California, Los Angeles; **Alexander Fengler:** Brown University

P3-L-628: Spontaneous Algorithms of Hierarchical Behavior Across Age and Species

Presenting Author: Abhishek Mohan Dedhe, Carnegie Mellon University

Abhishek Dedhe: Carnegie Mellon University; **Karishma Nicole Kulshrestha:** Carnegie Mellon University; **Steven Piantadosi:** UC Berkeley; **Jessica Cantlon:** Carnegie Mellon

P3-L-629: Neurotypical Adults employ Distinct Cognitive Strategies compared to Adults with ADHD during a Sustained Attention Task with Gestalt Stimuli

Presenting Author: Elizaveta Kuznetsova, University of Helsinki

Elizaveta Kuznetsova: University of Helsinki; **Tuisku Tammi:** University of Helsinki; **Natalia Postnova:** University of Helsinki; **Jussi Palomäki:** Finnish Institute for Health and Welfare; **Benjamin Cowley:** University of Helsinki

P3-L-630: A region in human left prefrontal cortex selectively engaged in causal reasoning

Presenting Author: RT Pramod, MIT

RT Pramod: MIT; **Jessica Chomik:** McGovern Institute for Brain Research, MIT; **Laura Schulz:** Massachusetts Institute of Technology; **Nancy Kanwisher:** Massachusetts Institute of Technology

P3-L-631: Plasticity, gender, and the environment during numerical and spatial development

Presenting Author: Marissa L. Laws, Carnegie Mellon University

Marissa Laws: Carnegie Mellon University; **Jessica Cantlon:** Carnegie Mellon

P3-L-632: Network-wise transcranial alternating current stimulation with phase lags

Presenting Author: Byoung-Kyong Min, Korea University

Byoung-Kyong Min: Korea University

P3-L-633: Behavioural and theoretical support for ranking theory as an alternative model of human uncertainty representation

Presenting Author: Hanbin Go, University of Waterloo

Hanbin Go: University of Waterloo; **Britt Anderson:** University of Waterloo

P3-L-634: Nonuniversal foraging behavior in semantic networks

Presenting Author: Kevin Scott Brown, Oregon State University

Kevin Brown: Oregon State University; **Jay Rueckl:** University of Connecticut; **Elliot Saltzman:** Boston University; **James Magnuson:** University of Connecticut; **Ken McRae:** University of Western Ontario; **Eiling Yee:** University of Connecticut

P3-L-635: Recovering cognitive events from trial-level pupil time courses

Presenting Author: **Joshua Krause**, University of Groningen

Joshua Krause: University of Groningen; **Jelmer Borst**: University of Groningen; **Jacolien van Rij**: University of Groningen

P3-L-636: The role of the motor system in the processing of rhythmic complexity: a critical review

Presenting Author: **Francisco Cossavella**, Laboratorio de Inteligencia Artificial Aplicada Instituto de Investigación en Ciencias de la Computación, CONICET- UBA

Francisco Cossavella: Laboratorio de Inteligencia Artificial Aplicada Instituto de Investigación en Ciencias de la Computación, CONICET- UBA; **Martin Miguel**: McMaster University; **Diego Fernandez Slezak**: Universidad de Buenos Aires

P3-L-637: Differences in Learning Novel and Partially Known Concepts: Exploring Children's Self-Regulated Choices

Presenting Author: **Juliet Goldstein**, Universidad Torcuato Di Tella

Juliet Goldstein: Universidad Torcuato Di Tella; **Carolina A Gattei**: Universidad Torcuato Di Tella; **Cecilia Calero**: Universidad Torcuato Di Tella

P3-L-638: Optimal and sub-optimal temporal decisions can explain procrastination in a real-world task

Presenting Author: **Sahiti Chebolu**, Max Planck Institute for Biological Cybernetics

Sahiti Chebolu: Max Planck Institute for Biological Cybernetics; **Peter Dayan**: Max Planck Institute for Biological Cybernetics

P3-L-639: Decoding Sequential Information: the Language of Thought for Human Cognitive Processing of Temporal Structure

Presenting Author: **Elyes Tabbane**, CEA

Elyes Tabbane: CEA

P3-L-640: Seeing speech: Cerebral mechanisms of Cued Speech perception

Presenting Author: **Annahita Sarré**, Institut du Cerveau

Annahita Sarré: Institut du Cerveau; **Laurent Cohen**: Institut du Cerveau

P3-L-642: Towards A Neurobiologically Inspired Model of Syntax Processing

Presenting Author: **Bernd J. Kröger**, Medical School, RWTH Aachen University

Bernd J. Kröger: Medical School, RWTH Aachen University

P3-L-643: Study of compositionality and syntactic movement in the human brain using 7T fMRI

Presenting Author: **Thomas Dighiero--Brecht**, NeuroSpin center, Bât 145, CEA/SAC/DRF/Joliot

Thomas Dighiero--Brecht: NeuroSpin center, Bât 145, CEA/SAC/DRF/Joliot; **Christophe Pallier**: INSERM-CEA Cognitive Neuroimaging Unit, NeuroSpin center, Bât 145, CEA/SAC/DRF/Joliot; **Naama Friedmann**: Tel Aviv University; **Luigi Rizzi**: University of Siena; **Stanislas Dehaene**: INSERM-CEA Cognitive Neuroimaging Unit, NeuroSpin center, Bât 145, CEA/SAC/DRF/Joliot

P3-L-645: The effect of working memory demands on the neural correlates of prospective memory

Presenting Author: **Ann-Kathrin Beck**, University of Kaiserslautern-Landau

Ann-Kathrin Beck: University of Kaiserslautern-Landau; **Daniela Czernochowski**: University of Kaiserslautern-Landau; **Thomas Lachmann**: RPTU University of Kaiserslautern-Landau; **Alexandra Hering**: Tilburg University

P3-L-646: Characteristic of persistently active neurons in the human Medial Temporal Lobe during Working Memory maintenance

Presenting Author: **Ruben Alexandre Monteiro de Castro**, University of Warsaw

Ruben Alexandre Castro: University of Warsaw

P3-L-647: Restless Sleep, Uncertain Minds: Learning and Inhibitory Control Under Partial Sleep Deprivation.

Presenting Author: **Margherita Calderan**, University of Padova

Margherita Calderan: University of Padova; **Antonino Visalli**: University of Padova; **Roberta Sellaro**: University of Padova; **Nicola Cellini PhD**: University of Padova

P3-L-648: Associative learning explains human sensitivity to statistical and network structures in auditory sequences

Presenting Author: **Lucas Benjamin**, NeuroSpin Center, CNRS ERL 9003, INSERM U992, CEA, Université Paris-Saclay

Lucas Benjamin: NeuroSpin Center, CNRS ERL 9003, INSERM U992, CEA, Université Paris-Saclay; **Mathias Sablé-Meyer**: NeuroSpin center, CEA DRF/I2BM, INSERM, Université Paris-Sud, Université Paris-Saclay; **Ana Fló**: NeuroSpin Center, CEA, INSERM, Université Paris-Saclay; **Fosca Al Roumi**: NeuroSpin Center, CEA, INSERM, Université Paris-Saclay; **Ghislaine Dehaene-Lambertz**: NeuroSpin Center, CEA, INSERM, Université Paris-Saclay

P3-L-649: Assessing affective modulation of intentional binding effect: A 2AFC Psychophysics experiment with emotional words

Presenting Author: **Felipe Diego Toro Hernández**, Universidade Federal do ABC

Felipe D Toro Hernandez: Universidade Federal do ABC; **Victor Nogueira Dias Gabiatti**: Universidade Federal do ABC; **Theresa Moraes Ramalho**: Universidade Federal do ABC; **Andre M. Cravo**: Universidade Federal do ABC; **Peter M. E. Claessens**: Federal University of ABC

P3-L-650: Context Effects on Word Association Production: A Semantic Warping Account

Presenting Author: **Stanley West**, Louisiana State University
Stan West: Louisiana State University; **Christopher R Cox**: Louisiana State University; **Eileen Haebig**: Louisiana State University

P3-L-651: Comparative study of abstract representations in humans and non-human primates

Presenting Author: **Morfoisse Théo**, Cognitive Neuroimaging Unit, INSERM, CEA, Université Paris Saclay, NeuroSpin Center France.
Théo Morfoisse: Cognitive Neuroimaging Unit, INSERM, CEA, Université Paris Saclay, NeuroSpin Center France.; **Maxence Pajot**: Cognitive Neuroimaging Unit, INSERM, CEA, Université Paris Saclay, NeuroSpin Center France.; **Paolo Papale**: Department of Vision & Cognition, Netherlands Institute for Neuroscience (KNAW); **Pieter Roelfsema**: Department of Vision & Cognition, Netherlands Institute for Neuroscience (KNAW); **Minye Zhan**: Cognitive Neuroimaging Unit, INSERM, CEA, Université Paris Saclay, NeuroSpin Center France.; **Stanislas Dehaene**: NeuroSpin Center, CEA DRF/I2BM, INSERM, Université Paris-Sud, Université Paris-Saclay

P3-L-652: Navigability: a common orientation for the cognitive in cognitive science

Presenting Author: **Andrea Hiott**, Universität Heidelberg
Andrea Hiott: Universität Heidelberg

P3-L-653: Can reinforcement learning model learning across development? Online lifelong learning through adaptive intrinsic motivation

Presenting Author: **Kai Jappe Sandbrink**, University of Oxford
Kai J Sandbrink: University of Oxford; **Brian Christian**: University of Oxford; **Linas M. Nasvytis**: Harvard University; **Christian Schroeder de Witt**: University of Oxford; **Patrick Butlin**: University of Oxford

P3-L-654: The influence of agency and affordances on visual anticipation: Insights from the representational momentum paradigm

Presenting Author: **Ouriel Grynszpan**, Université Paris-Saclay
Pierre-Adams Ouattara Oulé: Université Paris-Saclay; **Alexis Le Besnerais**: Université Paris-Saclay; **Elise Prigent**: Université Paris-Saclay; **Ouriel Grynszpan**: Université Paris-Saclay

P3-L-655: A Test of Relational and Concrete Cognitive Biases Across Cultures and Species

Presenting Author: **Teoman S Ozaydin**, Carnegie Mellon
Teoman Ozaydin: Carnegie Mellon; **Jessica Cantlon**: Carnegie Mellon

P3-L-656: Attention in high-performance cognition is goal-directed, selective, focused, and sustained

Presenting Author: **Benjamin Cowley**, University of Helsinki
Benjamin Cowley: University of Helsinki; **Aila Kirjanen**: University of Helsinki

P3-L-657: Testing a dynamic field model of infant visual attention

Presenting Author: **Stacey Stuart**, University of East Anglia
John Spencer: University of East Anglia; **Stacey Stuart**: University of East Anglia

P3-L-658: The Cognitive Components of Complex Planning

Presenting Author: **Xinlei Lin**, NYU
Xinlei (Daisy) Lin: NYU; **Wei Ji Ma**: New York University

P3-L-659: Understanding the impact of early adverse experiences on computational models of neurocognitive processes in adolescents

Presenting Author: **Yue Zhang**, University of Michigan
Yue Zhang: University of Michigan; **Felicia Hardi**: University of Michigan; **Alexander S. Weigard**: University of Michigan; **Maria K. Scavnick**: University of Michigan; **Colter Mitchell**: University of Michigan; **Luke W. Hyde**: University of Michigan; Christopher

P3-L-660: Flexible adjustment to task demands through learning of optimal oscillatory characteristics

Presenting Author: **Mehdi Senoussi**, CNRS UMR 5263, University of Toulouse

Mehdi Senoussi: CNRS UMR 5263, University of Toulouse; **Senne Braem**: Ghent University; **Tom Verguts**: Ghent University

P3-L-661: Modulate the Face Inversion Effect (FIE): Using transcranial Direct Current Stimulation (tDCS) to reduce and enhance the FIE.

Presenting Author: **Wang Guangtong**, University of Exeter
Ciro Civile: University of Exeter; **Siobhan McCourt**: University of Exeter; **Wang Guangtong**: University of Exeter

P3-L-662: A better alpha - Incorporating spectral parameterization to improve measurement of listening effort

Presenting Author: **Sarah J Woods**, University of Utah
Sarah J Woods: University of Utah ; **Jack W Silcox**: University of Utah; **Brennan R Payne**: University of Utah

P3-L-663: Semantic distance organizes social knowledge: Insights from semantic dementia and cross-modal conceptual space

Presenting Author: **Y. Ivette Colón**, University of Wisconsin-Madison
Y. Ivette Colón: University of Wisconsin- Madison; **Timothy T Rogers**: University of Wisconsin- Madison; **Matthew Lambon Ralph**: University of Cambridge ; **Matthew Rouse**: University of Cambridge

P3-L-664: Neural lateralization during number line estimation differentially predicts numerical and spatial capacity

Presenting Author: **Caroline Kaicher**, Carnegie Mellon University
Caroline Kaicher: Carnegie Mellon University; **Lauren Aulet**: Carnegie Mellon University; **Jessica Cantlon**: Carnegie Mellon University

P3-M-665: Infants' evaluation of expected information gain in a gaze-contingent paradigm

Presenting Author: **Bálint Varga**, Central European University
Bálint Varga: Central European University; **Barbara Pomiechowska**: Central European University; **Agnes Kovacs**: CEU

P3-M-666: Analyzing the Roles of Language and Vision in Learning from Limited Data

Presenting Author: **Allison Chen**, Princeton University
Allison Chen: Princeton University; **Ilia Sucholutsky**: Princeton University; **Olga Russakovsky**: Princeton University; **Tom Griffiths**: Princeton University

P3-M-667: A Bayesian Model of Multimodal Phonemic Category Learning

Presenting Author: **Sophia Zhi**, Massachusetts Institute of Technology
Sophia Zhi: Massachusetts Institute of Technology; **Roger Levy**: Massachusetts Institute of Technology; **Stephan C. Meylan**: MIT

P3-M-668: Distributed semantic representations of inanimate nouns are gender biased in gendered languages

Presenting Author: **Luca Onnis**, University of Oslo
Luca Onnis: University of Oslo; **Alfred Lim**: University of Nottingham Malaysia

P3-M-669: Inferring errors and intended meanings with a generative model of language production in aphasia

Presenting Author: **Thomas Hikaru Clark**, Massachusetts Institute of Technology
Thomas Clark: Massachusetts Institute of Technology; **Edward Gibson**: Massachusetts Institute of Technology; **Roger Levy**: Massachusetts Institute of Technology

P3-M-670: Starting Small, After All? Curriculum Learning with Child-Directed Speech

Presenting Author: **Sydelle de Souza**, University of Edinburgh
Mattia Opper: University of Edinburgh; **Sydelle de Souza**: University of Edinburgh

P3-M-671: Self-Hint Prompting Improves Zero-shot Reasoning in Large Language Models via Reflective Cycle

Presenting Author: **Jindou Chen**, Shanghai Jiao Tong University
Jindou Chen: Shanghai Jiao Tong University; **Jidong Tian**: Shanghai Jiao Tong University; **Yaohui Jin**: Artificial Intelligence Institute

P3-M-672: Many Hands Don't Always Make Light Work: Explaining Social Loafing via Multiprocessing Efficiency

Presenting Author: **Elizabeth Mieczkowski**, Princeton University
Elizabeth Mieczkowski: Princeton University; **Cameron Rouse Turner**: Princeton University; **Natalia A Vélez**: Princeton University; **Tom Griffiths**: Princeton University

P3-M-673: Discriminating real from A.I.-generated faces: Effects of emotion, gender, and age.

Presenting Author: **Sean Duffy**, Rutgers University Camden
Sean Duffy: Rutgers University Camden; **Antoine August**: Rutgers University - Camden; **Kate Wisniewski**: Rutgers University - Camden

P3-M-674: Evaluating word association-derived word embeddings on semantic analogies

Presenting Author: **Álvaro Cabana**, Universidad de la República
Rocío Belén Lión: Universidad de la República; **Hernan Quintero**: Universidad de la República; **Juan C Valle-Lisboa**: Universidad de la República; **Alvaro Cabana**: Universidad de la República

P3-M-675: Evaluating LLMs as Tools to Support Early Vocabulary Learning

Presenting Author: **Jennifer Weber**, University of Colorado, Boulder
Jennifer Weber: University of Colorado, Boulder; **Maria Valentini**: University of Colorado Boulder; **Téa Wright**: University of Colorado Boulder; **Katharina von der Wense**: University of Colorado Boulder; **Eliana Colunga**: University of Colorado Boulder

P3-M-676: Simulating Opinion Dynamics with Networks of LLM-based Agents

Presenting Author: **Yun-Shiuan Chuang**, University of Wisconsin - Madison
Yun-Shiuan Chuang: University of Wisconsin - Madison; **Agam Goyal**: University of Wisconsin - Madison; **Nikunj Harlalka**: University of Wisconsin - Madison; **Siddharth Suresh**: University of Wisconsin-Madison; **Robert Hawkins**: University of Wisconsin-Madison; **Si**

P3-M-677: Investigating Expert and Novice Programming Differences on Problems of Varying Complexity

Presenting Author: **Maria Vorobeva**, Carleton University
Maria Vorobeva: Carleton University; **Suhaylah B Carim Bacor**: Carleton University; **Mary Alexandria Kelly**: Carleton University

P3-M-678: SketchMapia: A comprehensive way to analyse sketch maps

Presenting Author: **Angela Schwering**, University of Muenster
Angela Schwering: University of Muenster; **Jakub Kruckar**: University of Muenster; **Charu Manivannan**: Institute for geoinformatics, University of Muenster

P3-N-680: Distilling Symbolic Priors for Concept Learning into Neural Networks

Presenting Author: Ioana Marinescu, Princeton University
 Ioana Marinescu: Princeton University; R. Thomas McCoy: Yale University; Tom Griffiths: Princeton University

P3-N-682: Does Sign Language Shape Lateral Space–Valence Associations?

Presenting Author: Karla Tann, Maastricht University
 Karla Tann: Maastricht University; Pablo Solana: University of Granada; Marc Ouellet: University of Granada; Heng Li: Sichuan International Studies University; Julio Santiago: University of Granada

P3-N-683: Variability in communication contexts determines the convexity of semantic category systems emerging in neural networks

Presenting Author: Vlad Nedelcu, University of Edinburgh
 Vlad C Nedelcu: University of Edinburgh; Daniel Lassiter: University of Edinburgh; Kenny Smith: University of Edinburgh

P3-N-684: A multitask model of concept learning and generalization

Presenting Author: Dyana Muller, UC Berkeley
 Dyana Muller: UC Berkeley; Steven Piantadosi: UC Berkeley

P3-N-685: Symbolic Variables in Distributed Networks that Count

Presenting Author: Satchel Grant, Stanford University
 Satchel Grant: Stanford University; Zhengxuan Wu: Stanford University; Jay McClelland: Stanford University; Noah Goodman: Stanford University

P3-P-686: Studying the Effect of Globalization on Color Perception using Multilingual Online Recruitment and Large Language Models

Presenting Author: Pol van Rijn, Max Planck Institute for Empirical Aesthetics
 Jakob Pete Niedermann: Max Planck Institute for Empirical Aesthetics; Ilia Sucholutsky: Princeton University; Raja Marjeh: Princeton University; Elif Çelen: Max Planck Institute for Empirical Aesthetics; Tom Griffiths: Princeton University; Nori Jacoby:

P3-Q-687: Using additional data types to identify the unidentifiable components of cognition during decision-making

Presenting Author: Michael D. Nunez, University of Amsterdam
 Michael D Nunez: University of Amsterdam; Anna-Lena Schubert: University of Mainz; Gidon T. Frischkorn: University of Zurich; Klaus Oberauer: University of Zurich

P3-Q-688: Some and Done? Temporally extended decisions with very few rollouts

Presenting Author: Sixing Chen, New York University
 Sixing Chen: New York University; Kristopher T. Jensen: University College London; Marcelo G Mattar: New York University

P3-Q-689: Iconic prioritization and Representational Silence in emotion

Presenting Author: Andrea Rivadulla-Duró, Swiss Centre for Affective Sciences
 Andrea Rivadulla-Duró: Swiss Centre for Affective Sciences

P3-Q-690: The Wason selection task in the long-run: Evaluating the truthfulness of universal and probabilistic statements through evidence search

Presenting Author: Konstantinos Armaos, University of Lausanne
 Konstantinos of Armaos: University of Lausanne; Ulrich Hoffrage: university of lausanne

P3-Q-691: Social Sampling in Decision Making for Online and Offline Activities

Presenting Author: J. Hunter Priniski, UCLA
 Bryce Linford: UCLA; Hunter Priniski: UCLA; Hongjing Lu: UCLA

P3-S-692: Children's unexpected inferences across knowledge types

Presenting Author: Amanda McCarthy, Yale University
 Amanda McCarthy: Yale University; Emma Courtney: Cold Spring Harbor Laboratory; Frank Keil: Yale University

P3-S-693: The Dynamics of Creative Thinking: Teacher Behavior and Student Novelty in Science Education

Presenting Author: Marijn van Dijk, University of Groningen
 Marijn van Dijk: University of Groningen

P3-S-694: An Adaptive Learning System for Stepwise Automatisation of Multiplication Facts in Primary Education

Presenting Author: Stefania D. Iancu, MemoryLab
 Stefania D. Iancu: MemoryLab; Myrthe Braam: MemoryLab; Nathan McCabe: MemoryLab; Thomas Jan Wilschut: University of Groningen; Hedderik van Rijn: University of Groningen; Maarten van der Velde: MemoryLab

P3-S-695: Preservice teachers' understanding of mathematical equivalence

Presenting Author: Jennifer A. Kaminski, Wright State University
 Jennifer Kaminski: Wright State University

P3-S-696: Tautological formal explanations are satisfactory regardless of prior knowledge

Presenting Author: Ivan Aslanov, Universidad de Chile
 Ivan Aslanov: Universidad de Chile; Ernesto Guerra: Universidad de Chile

P3-S-697: The Role of Surprise in Memory: Assessing the Impact of Levels of Surprise on Children's Episodic Memory

Presenting Author: Carla Macias, Rutgers University-Newark
 Carla Macias: Rutgers University-Newark; Kimele Persaud: Rutgers University-Newark

P3-S-698: How can we increase the use of interleaved study in self-regulated learning?

Presenting Author: Yundeok Kim, Yonsei University

Yundeok Kim: Yonsei University; Hee Seung Lee: Yonsei University

P3-S-700: Do learners make more pauses in instructional videos when taking notes?

Presenting Author: Mathieu Pinelli, LaRAC, Univ. Grenoble Alpes

Mathieu Pinelli: LaRAC, Univ. Grenoble Alpes; Salomé Cojean: Univ. Grenoble Alpes

P3-S-701: Exploring Programming Aptitude: Comparing the Predictive Utility of Language Aptitude Subskills for Python and Java Learning

Presenting Author: Chantel Prat, University of Washington

Malayka Mottarella: University of Washington; Katherine Mortimore: Florida Institute for Human and Machine Cognition; Chantel Prat: University of Washington

P3-S-702: Building Abstraction: The Role of Representation and Structural Alignment in Learning Causal System Categories

Presenting Author: Margarita Pavlova, New Bulgarian University

Margarita V. Pavlova: New Bulgarian University

P3-S-703: Prior Knowledge Adaptation Through Item-Removal in Adaptive Learning Increases Short- and Long-Term Learning Benefits

Presenting Author: Malte Krambeer, University of Groningen

Malte Krambeer: University of Groningen; Maarten van der Velde: MemoryLab; Hedderik van Rijn: SlimStampen BV

P3-U-704: Emotional significance in Cross-Cultural Semantic Crossmodal Correspondences

Presenting Author: Jorge Alvarado, Pontificia Universidad Javeriana

Jorge Alvarado: Pontificia Universidad Javeriana

P3-U-705: The Role of Episodic Memory in Storytelling: Comparing Large Language Models with Humans

Presenting Author: Charlotte Cornell, Rutgers University--New Brunswick

Charlotte Cornell: Rutgers University--New Brunswick; Shuning Jin: Rutgers University; Qiong Zhang: Rutgers University - New Brunswick

P3-U-706: Why is Bach blue instead of red? Different strategies moderate people's color-music associations

Presenting Author: Qiawen Liu, University of Wisconsin-Madison

Qiawen Liu: University of Wisconsin-Madison; Huang Ham: Department of Psychology; Kesong Cao: University of Wisconsin-Madison; Gary Lupyan: University of Wisconsin - Madison

P3-W-707: Index Systems: Enumerating Their Forms and Explaining Their Diversity With Representational Interpretive Structure Theory

Presenting Author: Peter Cheng, University of Sussex

Peter Cheng: University of Sussex; Grecia Garcia Garcia: University of Sussex; Daniel Raggi: University of Cambridge; Mateja Jamnik: University of Cambridge

P3-BB-708: Investigating contextual effects in referential communication: an experimental semiotic game

Presenting Author: Miriam Greidanus Romaneli, Radboud University Nijmegen

Miriam Greidanus Romaneli: Radboud University Nijmegen; Jesper Sinneker: Radboud University Nijmegen; Jana Bašnáková: Radboud University Nijmegen; Bruno Galantucci: Yeshiva University; Ivan Toni: Radboud University

P3-BB-709: Emergent social transmission of model-based representations without inference

Presenting Author: Miriam Bautista, University of Tübingen

Miriam Bautista: University of Tübingen; Ryutaro Uchiyama: Tübingen AI Center; Claudio Tennie: University of Tübingen; Charley M Wu: University of Tübingen

P3-CC-710: Mitigating Hallucinations in Large Language Models by Preprocessing Questions into Child-Comprehensible

Presenting Author: Yunlong Fan, Southeast University

Yunlong Fan: Southeast University; Bin Li: Southeast University; Zhiqiang Gao: Southeast University

P3-EE-711: Effects of Eye Movement Patterns and Scene-Object Relations on Description Production

Presenting Author: Pelin Celikkol, University of Potsdam

Pelin Celikkol: University of Potsdam; David Schlangen: University of Potsdam; Jochen Laubrock: University of Potsdam

P3-EE-712: Linear Word Order Modulates the Cost of Metonymy Comprehension: Dynamics of Conceptual Composition

Presenting Author: Maria Teresa Borneo & Maria M. Piñango, Yale University

Maria Teresa Borneo: Yale University; Maria M Piñango: Yale University

P3-EE-713: ERP insights into self-relevance with second-person pronouns during auditory story processing

Presenting Author: Magdalena Repp, University of Cologne

Magdalena Repp: University of Cologne; Petra B. Schumacher: University of Cologne; Ingmar Brilmayer: University of Cologne

P3-EE-714: What do we mean when we say gestures are more expressive than vocalizations? An experimental and simulation study

Presenting Author: Šárka Kadavá, Leibniz Center General Linguistics

Šárka Kadavá: Leibniz Center General Linguistics; Aleksandra Cwiek: Leibniz-Centre General Linguistics; Susanne Fuchs: Leibniz-Zentrum Allgemeine Sprachwissenschaft; Wim Pouw: Radboud University

P3-EE-715: Exploring horizontal homophony in pronominal paradigms: A case study where cross-linguistic regularities defy individual learning biases

Presenting Author: Carmen Saldana, Universitat Pompeu Fabra
Carmen Saldana: Universitat Pompeu Fabra; Mora Maldonado: CNRS/Nantes Université

P3-EE-717: Who is you? Delayed processing following (formal) second person pronouns in an emotional narrative

Presenting Author: Maria den Hartog, Radboud University
Maria den Hartog: Radboud University; Gert-Jan Thomas Schoenmakers: Utrecht University; Lotte Hogeweg: Radboud University; Helen de Hoop: Radboud University

P3-EE-718: Mandarin-Speaking Children's Acquisition of Resultative Verb Compounds: Compositionality and Eventuality

Presenting Author: Yue Ji, Beijing Institute of Technology
Yue Ji: Beijing Institute of Technology; Xiaotao Liu: The University of Auckland

P3-EE-719: What drives word order preferences?

Presenting Author: Guido Linders, University of Zurich
Guido Marvel Linders: University of Zurich; Stefan Schnell: University of Zurich; Balthasar Bickel: University of Zurich

P3-EE-720: Systemic structure of kinship is shaped by evolutionary processes

Presenting Author: Maisy Hallam, The University of Edinburgh
Maisy Hallam: The University of Edinburgh; Fiona Jordan: University of Bristol; Simon Kirby: The University of Edinburgh; Kenny Smith: University of Edinburgh

P3-EE-721: Communication and learning pressures result in clustered lexicons

Presenting Author: Aislinn Keogh, University of Edinburgh
Aislinn Keogh: University of Edinburgh; Jennifer Culbertson: University of Edinburgh; Simon Kirby: The University of Edinburgh

P3-EE-722: Chinese Child-Directed Speech Is Faster and More Fluent Than Adult-Directed Speech

Presenting Author: Mengru Han, East China Normal University
Mengru Han: East China Normal University; Lianghui Yang: East China Normal University; Yan Gu: University of Essex

P3-EE-723: Verbs or Nouns? A cross-linguistic study examining the effect of morphological complexity and input on children's early lexical development

Presenting Author: Selma Hardegger, University of Zurich

Selma Hardegger: University of Zurich; Jekaterina Mazara: University of Zurich; Aylin C Küntay: Koç University; Birgit Hellwig: University of Cologne; Barbara Pfeiler: National Autonomous University of Mexico; Sabine Stoll: University of Zurich

P3-EE-724: A network model of English derivational morphology

Presenting Author: Sergei Monakhov, Friedrich Schiller University Jena

Sergei Monakhov: Friedrich Schiller University Jena; Holger Diessel: Department of English

P3-EE-725: Tuning in to a novel language is easier without orthography

Presenting Author: Kateřina Chládková, Faculty of Arts, Charles University

Katerina Chladkova: Faculty of Arts, Charles University; Václav Jonáš Podlipský: Faculty of Arts, Palacký University; Lucie Jarůšková: Faculty of Arts, Charles University; Šárka Šimáčková: Faculty of Arts, Palacký University; Natalia Nudga: Faculty of Art

P3-EE-726: Metaphor Comprehension in Preschoolers: A Pragmatic Skill

Presenting Author: Claudia Raihert, University of Toronto

Claudia Raihert: University of Toronto; Myrto Grigoroglou: University of Toronto

P3-EE-727: Testing the Effects of the Implicative Structure and Noun Class Size on the Learnability of Inflectional Paradigms in Adults and Artificial Neural Networks

Presenting Author: Tamar Johnson, University of Amsterdam

Tamar Johnson: University of Amsterdam; Micha Elsner: The Ohio State University; Kenny Smith: University of Edinburgh

P3-EE-728: The key property of frequency distributions that facilitates linguistic rule generalisation is long-tailedness

Presenting Author: Elizabeth Pankratz, University of Edinburgh

Elizabeth Pankratz: University of Edinburgh; Simon Kirby: The University of Edinburgh; Jennifer Culbertson: University of Edinburgh

P3-EE-729: Lexical diversity in human- and LLM-generated text

Presenting Author: Kelly Kendro, Northern Arizona University

Kelly Kendro: Northern Arizona University; Jeffrey Maloney: BYU-Hawaii; Scott Jarvis: Northern Arizona University

P3-EE-730: Challenges for a computational explanation of flexible linguistic inference

Presenting Author: Marieke Woensdregt, Radboud University
 Marieke Woensdregt: Radboud University; Mark Blokpoel: Radboud University; Iris van Rooij: Radboud University; Andrea E Martin PhD: Max Planck Institute for Psycholinguistics

P3-EE-731: Noisy-Channel Processing in Standard Arabic Relative Clauses

Presenting Author: Nicole Dodd, University of California, Davis
 Nicole Dodd: University of California, Davis; Fatima Boush: United Arab Emirates University; Tommi Leung: United Arab Emirates University; Fernanda Ferreira: Department of Psychology; Emily Morgan: UC Davis

P3-EE-732: Recognising prosodically degraded lexical material - Can word length help?

Presenting Author: Catalina Torres, University of Zurich
 Catalina Torres: University of Zurich

P3-EE-733: HeCz: A large scale self-paced reading corpus of newspaper headlines

Presenting Author: Markéta Ceháková, Faculty of Arts, Charles University
 Jan Chromý: Faculty of Arts, Charles University; Markéta Ceháková: Charles University; James Brand: Charles University

P3-EE-734: Probabilistic and Selectional Biases in Ambiguity Resolution during Real-time Sentence Processing

Presenting Author: Hiroki Fujita, University of Potsdam
 Hiroki Fujita: University of Potsdam

P3-EE-735: Evaluating an ensemble model of linguistic categorization on three variable morphological patterns in Hungarian

Presenting Author: Peter Racz, Budapest University of Technology and Economics
 Peter Racz: Budapest University of Technology and Economics; Peter Rebrus: HUN-REN Hungarian Research Centre for Linguistics; Szilard Toth: Eotvos Lorand University

P3-EE-736: Neuro-Symbolic Models of Human Moral Judgment

Presenting Author: Joe Kwon, MIT
 Joseph Kwon: MIT; Josh Tenenbaum: MIT; Sydney Levine: Allen Institute for AI

P3-EE-738: Exploring the Speech-to-Song Transformation: Linguistic Influences in Tonal and Non-Tonal Language Speakers

Presenting Author: Makiko Sadakata, Institute for Logic, Language and Computation
 Makiko Sadakata: Institute for Logic, Language and Computation

P3-EE-739: The Face of a Character called Gmork

Presenting Author: Giovanni Cassani, Tilburg University
 Marco Bragoni: Tilburg University; Giovanni Cassani: Tilburg University

P3-EE-740: Integrating Co-Speech Gestures into Sentence Meaning Comprehension

Presenting Author: Ludmila Reimer, Ruhr-University Bochum
 Ludmila Reimer: Ruhr-University Bochum; Maria Spychalska: University of Cologne; Markus Wernig: Ruhr University Bochum

P3-EE-741: Humanizing Language Models: Exploring behavioral and brain data as language model inputs

Presenting Author: Zak Hussain, University of Basel
 Zak Hussain: University of Basel; Rui Mata: University of Basel; Ben Newell: University of New South Wales; Dirk U Wulff: Max Planck Institute for Human Development

P3-EE-742: Neural Indices of Online Statistical Learning in Visual Speech

Presenting Author: Katerina Kynclova, Institute of Psychology, The Czech Academy of Sciences
 Katerina Kynclova: Institute of Psychology, The Czech Academy of Sciences; Katerina Chladkova: Institute of Psychology, Czech Academy of Sciences

P3-EE-743: Grammaticality illusions in Czech: A speeded acceptability study of agreement attraction

Presenting Author: Radim Lacina, Osnabrück University
 Radim Lacina: Osnabrück University; Jakub Dotlačil: Utrecht University

P3-EE-744: Deaf signers allocate gaze based on type and familiarity of signed input

Presenting Author: Paris Gappmayer, Boston University
 Paris Gappmayer: Boston University; Amy Lieberman: Boston University

P3-EE-745: Frequency interacts with lexicality during auditory lexical decision: Insights from diffusion drift modeling

Presenting Author: Yifei He, Philipps University Marburg
 Yifei He: Philipps University Marburg; Anna Petukhova: Philipps University Marburg; Prof. Dr. Jinxin Yue: Harbin Institute of Technology

P3-EE-746: Frequency-Dependent Regularization in Mandarin Elastic Word Length

Presenting Author: Skyler Jove Reese, University of California, Davis
 Skyler Jove Reese: University of California, Davis; Zoey Liu: University of Florida; Masoud Jasbi: UC Davis; Emily Morgan: UC Davis

P3-EE-748: Language influences how Spanish speakers from different cultural backgrounds think, talk, and gesture about causality

Presenting Author: **Andrea Ariño-Bizarro**, University of Zaragoza
Andrea Ariño Bizarro: University of Zaragoza; **Iraide Ibarretxe Antuñano**: University of Zaragoza

P3-EE-749: Metric Grammars

Presenting Author: **Hyosun Lee**, University of Connecticut
Whitney Tabor: University of Connecticut; **Hyosun Lee**: UConn – Storrs and Regional Campuses

P3-EE-750: Testing the effects of distinct code-switching types on cognitive control

Presenting Author: **Edith Kaan**, University of Florida
Edith Kaan: University of Florida; **Rodrigo Mello Medina**: University of Florida; **Guadalupe Maria Diaz**: University of Florida; **Kirthana Sane**: University of Florida; **Savannah Chandler**: University of Florida; **Matt Neitz**: University of Florida; **Claire Kuntz**: University of Florida; **Jorge Valdés Kroff**: University of Florida; **Souad Kheder**: University of Florida

P3-EE-752: Severe Storm Warnings for Four-Story Homeowners: Towards a Processing Model of Bracketing Paradoxes

Presenting Author: **Jun.-Prof. Dr. Titus von der Malsburg**, University of Stuttgart
Anna Pryslopska: University of Stuttgart; **Titus von der Malsburg**: University of Stuttgart

P3-EE-753: Is masked syntactic priming unconscious?

Presenting Author: **David Hernández-Gutiérrez**, Basque Center on Cognition, Brain and Language (BCBL)

David Hernández-Gutiérrez: Basque Center on Cognition, Brain and Language (BCBL); **Dr Miguel A. Sorrel**: Universidad Autónoma de Madrid; **David Shanks**: University College London; **Dr Miguel A. Vadillo**: Universidad Autónoma de Madrid

P3-EE-754: How Language Use Reflects Emotion Regulation: Evidence from Spanish

Presenting Author: **Lena Kassin**, Reed College
Kevin J. Holmes: Reed College; **Lena Kassin**: Reed College; **Daniela Buchillon-Almeida**: Reed College; **Enriqueta Canseco-Gonzalez**: Reed College

P3-EE-755: Multimodal communication in newly sighted children: An investigation of the relation between visual experience and pragmatic development

Presenting Author: **Paula Rubio-Fernandez**, Max Planck Institute for Psycholinguistics
Paula Rubio-Fernández: Max Planck Institute for Psycholinguistics; **Madeleine Long**: University of Edinburgh; **Vishakha Shukla**: New York University; **Vrinda Bhatia**: Jawaharlal Nehru University; **Anwesha Mahapatra**: Jawaharlal Nehru University; **Dr. Chetan Raleka**

P3-EE-756: The relationship between non-verbal alignment and cooperativeness in a game theory-based TV show

Presenting Author: **Klaudia Karkowska**, Nicolaus Copernicus University

Klaudia Karkowska: Nicolaus Copernicus University; **Darya Namednikava**: Centre for Language Evolution Studies, Nicolaus Copernicus University; **Marek Placiński**: Nicolaus Copernicus University in Toruń; **Michael Pleyer**: Nicolaus Copernicus University in Toruń

P3-EE-757: Changes in Partner Models – Effects of Adaptivity in the Course of Explanations

Presenting Author: **Josephine Beryl Fisher**, Paderborn University
Heike M. Buhl: Paderborn University; **Josephine Beryl Fisher**: University Paderborn; **Katharina Rohlfing**: Paderborn University

P3-EE-758: Numbers in context: Cardinals, ordinals, and nominals

Presenting Author: **Greg Woodin**, University of Birmingham
Greg Woodin: University of Birmingham; **Bodo Winter**: University of Birmingham

P3-EE-759: Sound Symbolism Across Diverse Writing Systems

Presenting Author: **Alexander Porto**, Duquesne University
Alexander Porto: Duquesne University; **Alexander Basalyga**: Independent Researcher; **Mr. Nikolai Huckle**: SCHUFA Holding AG; **Julio Santiago**: University of Granada; **Elizabeth Fein**: Duquesne University; **Alexander Kranjec**: Duquesne University

P3-EE-760: Do Large language Models know who did what to whom?

Presenting Author: **Joseph Denning**, UCLA
Joseph Denning: UCLA; **Xiaohan (Hannah) Guo**: The University of Chicago; **Bryor Snefjella**: UCLA; **Idan A Blank**: University of California, Los Angeles

P3-EE-761: Can Grammatical Gender Override Gender Stereotypes?

Presenting Author: **Nikoletta Galeraki**, Dereee, The American College of Greece

Nikoletta Galeraki: Dereee, The American College of Greece; **Eleni Orfanidou**: Dereee, The American College of Greece

P3-EE-762: Iconic Artificial Language Learning in the Field: An Experiment with San Martín Peras Mixtec Speakers

Presenting Author: **Naomi Tachikawa Shapiro**, Radboud Universiteit

Naomi Tachikawa Shapiro: Radboud Universiteit; **Andrew Hedding**: University of Washington; **Shane Steinert-Threlkeld**: University of Washington

P3-EE-763: Cross-modal priming of written words across different timing conditions

Presenting Author: Johanna Funk, Philipps University of Marburg
Johanna Funk: Philipps University of Marburg; **Louis Terenci Hessler Carbonell:** Philipps Universität Marburg ; **Denise Al-Rubaye-Jung:** DSA; **Michelle Morgenstern:** Philipps-Universität Marburg; **Elisa Schmied:** Philipps-Universität Marburg ; **Jasemina Tzallas:** P

P3-EE-764: Word prediction is more than just predictability: An investigation of core vocabulary

Presenting Author: Andrew Wang, The University of Melbourne
Andrew Wang: The University of Melbourne; **Simon De Deyne:** University of Melbourne; **Meredith McKague:** University of Melbourne; **Andrew Perfors:** University of Melbourne

P3-EE-765: Availability, informativeness and busyness: Why average corpus measures are an inaccurate guide to surprisal in language

Presenting Author: Sihan Chen, MIT
Sihan Chen: MIT; **Edward Gibson:** Massachusetts Institute of Technology; **Michael Ramscar:** University of Tübingen

P3-EE-766: Large Language Models and Human Discourse Processing

Presenting Author: Eyal Sagi, University of St. Francis
Eyal Sagi: University of St. Francis

P3-EE-767: An Experimental-Semiotic Approach to the Emergence of Metaphor and Polysemy in Interaction

Presenting Author: Michael Pleyer, Nicolaus Copernicus University in Toruń
Michael Pleyer: Nicolaus Copernicus University in Toruń; **Darya Nomednikava:** Centre for Language Evolution Studies, Nicolaus Copernicus University ; **Klaudia Karkowska:** Nicolaus Copernicus University; **Svetlana Kuleshova:** Nicolaus Copernicus University in Torun; **Marek Placiński:** Nicolaus Copernicus University in Toruń; **Slawomir Wacewicz:** Nicolaus Copernicus University

P3-EE-768: Mis-Heard Lyrics: an Ecologically-Valid Test of Noisy Channel Processing

Presenting Author: Moshe Poliak, MIT
Moshe Poliak: MIT; **Hannah Kimura:** MIT; **Edward Gibson:** Massachusetts Institute Technology

P3-EE-769: Tracking Lexical Knowledge of Concepts Unique to Singapore English Among Speakers of Singapore English

Presenting Author: Cynthia S.Q. Siew, National University of Singapore
Cynthia S.Q. Siew: National University of Singapore

P3-EE-770: Processing non-culminating accomplishments across languages

Presenting Author: Oliver Bott, Bielefeld University
Oliver Bott: Bielefeld University; **Torgrim Solstad:** Bielefeld University; **Jens Michaelis:** Bielefeld University

P3-EE-771: Voice markers of schizophrenia: assessing the generalizability of machine learning models and their clinical applicability

Presenting Author: Alberto Parola, Copenhagen University
Alberto Parola: Copenhagen University; **Astrid Rybner:** Aarhus University; **Emil Trenckner Jessen:** Aarhus University; **Stine Nyhus Larsen:** Aarhus University; **Marie Damsgaard Mortensen:** Aarhus University; **Arndis Simonsen:** Aarhus University; **Yuan Zhou:** Chinese Academy of Sciences; **Katja Koelkebeck:** Hospital and Institute of the University of Duisburg-Essen; **Vibeke Bliksted:** Aarhus University; **Riccardo Fusaroli:** Aarhus University

P3-EE-772: Composition as nonlinear combination in semantic space: Exploring the effect of compositionality on Chinese compound recognition

Presenting Author: Tianqi Wang, The University of Hong Kong
Tianqi Wang: The University of Hong Kong; **Xu Xu:** Shanghai Jiao Tong University

P3-EE-773: Examining structural and semantic predictors of announced sarcasm on r/AskReddit

Presenting Author: Joshua Hew, University of Edinburgh
Joshua Hew: University of Edinburgh; **Aida Tarighat:** University of Edinburgh; **Martin Corley:** University of Edinburgh; **Zachary Horne:** University of Edinburgh

P3-EE-774: Investigating Iconicity in Vision-and-Language Models: A Case Study of the Bouba/Kiki Effect in Japanese Models

Presenting Author: Hinano Iida, Nagoya University
Hinano Iida: Nagoya University; **Hayate Funakura:** Kyoto University

P3-EE-775: Use of spatial reference frames for motion events in Balinese co-speech gesture

Presenting Author: Danielle Naegeli, Tilburg University
Danielle Naegeli: Tilburg University; **David Peeters:** Tilburg University; **Emiel Krahmer:** Tilburg University; **Marieke Schouwstra:** University of Amsterdam; **Made Sri Satyawati:** Universitas Udayana; **Connie De Vos:** Tilburg University

P3-GG-776: Converging neural evidence for number-specific mechanisms supporting number line estimation

Presenting Author: Lauren S. Aulet, Carnegie Mellon University
Lauren Aulet: Carnegie Mellon University; **Caroline Kaicher:** Carnegie Mellon University; **Jessica Cantlon:** Carnegie Mellon

P3-GG-777: Best brain conditions for winning an esports competition: Electroencephalography amplitude in the frontal and parietal cortices associated with esports competition results

Presenting Author: Sorato Minami, Kashino Diverse Brain Research Laboratory, NTT Communication Science Laboratories
Sorato Minami: Kashino Diverse Brain Research Laboratory, NTT Communication Science Laboratories; **Ken Watanabe:** WASEDA University; **Naoki Saito:** NTT Communication Science Laboratories; **Makio Kashino:** NTT Communication Science Laboratories

P3-HH-778: Two Directions for Skill Development of Basic Latin American Dance Movements

Presenting Author: **Kyoko Hatsuda**, Kobe University

Kyoko Hatsuda: Kobe University; **Daichi Shimizu**: Graduate School of Human Development and Environment

P3-HH-779: Cognitive Science is (largely) Psychological Science

Presenting Author: **Akhil Abburu**, Indian Institute of Technology Delhi

Akhil Abburu: Indian Institute of Technology Delhi; **Sumitava Mukherjee**: Indian Institute of Technology Delhi

P3-HH-780: L2 speakers use of discourse strategies in a Maze Task

Presenting Author: **Carine Abraham**, University of Edinburgh

Carine Abraham: University of Edinburgh

P3-HH-781: Searching for Functional Boundaries: Evaluating Effectiveness in Complex Adaptive Networks with Cognitive Dynamics.

Presenting Author: **Kiran Pala**, University of Eastern Finland

Kiran Pala: University of Eastern Finland

P3-HH-782: Conceptualizations of the human-nature relationship as a predictor of pro-environmental attitudes and behavior

Presenting Author: **Joan JH Kim**, Northeastern University

Joan Kim: Northeastern University; **John D Coley**: Northeastern University

P3-HH-783: Visual Voyage of Stock Market Strategies: Eye-tracking Insights into Investor Choices

Presenting Author: **Tanvi Narsapur**, International Institute of Information Technology Hyderabad

Tanvi Narsapur: International Institute of Information Technology Hyderabad; **Kavita Vemuri**: International Institute of Information Technology - Hyderabad

P3-HH-784: Using psychophysical methods to investigate the role of sound in speed perception

Presenting Author: **Valter Prpic**, University of Bologna

Valter Prpic: University of Bologna; **Elena Gherri**: Università di Bologna; **Luisa Lugli**: University of Bologna

P3-II-785: Linking cognitive and neural models of audiovisual processing to explore speech perception in autism

Presenting Author: **Grace Brown**, Stanford

Grace Brown: Stanford; **Naomi H Feldman**: University of Maryland

P3-JJ-786: Mechanistic Explanations in the Cognitive Sciences: Beyond Linear Storytelling

Presenting Author: **Alexander Hölken**, Institute for Philosophy II

Alexander Michael Hölken: Institute for Philosophy II

P3-JJ-787: Concepts are specifically structured and handled mental files

Presenting Author: **Prof. Dr. Albert Newen**, Ruhr University Bochum

Francesco Marchi: Ruhr University Bochum; **Albert Newen**: Ruhr-Universität Bochum

P3-JJ-788: Opinion Averaging versus Argument Exchange

Presenting Author: **Leon Assaad**, Birkbeck, University of London

Ulrike Hahn: Birkbeck, University of London; **Leon Assaad**: Ludwig-Maximilians-Universität München; **Jason W. Burton**: Copenhagen Business School

P3-JJ-789: Subitizing, Visual Indexes, and Attention

Presenting Author: **Jean-Charles Pelland**, University of Bergen

Jean-Charles Pelland: University of Bergen

P3-JJ-790: Paradoxical parsimony: How latent complexity favors explanatory simplicity

Presenting Author: **Tianwei Gong**, University of Edinburgh

Tianwei Gong: University of Edinburgh; **Simon Valentin**: University of Edinburgh; **Chris Lucas**: University of Edinburgh; **Neil R. Bramley**: University of Edinburgh

P3-JJ-791: Humans generate auxiliary hypotheses to resolve conflicts in observational data

Presenting Author: **Trisevgeni Papakonstantinou**, University College London

Trisevgeni Papakonstantinou: University College London; **Kuan Iao Leong**: University College London; **David Lagnado**: University College London

P3-JJ-792: Universal cognition in the context of resources and goals

Presenting Author: **Steven Phillips**, National Institute of Advanced Industrial Science and Technology

Steven Phillips: National Institute of Advanced Industrial Science and Technology

P3-JJ-793: Rationality Meets Facts

Presenting Author: **Kevin Reuter**, University of Zurich

Kevin Reuter: University of Zurich; **Michael Messerli**: University if Zurich

P3-JJ-794: Testing the Maximum Entropy Approach to Awareness Growth in Bayesian Epistemology and Decision Theory

Presenting Author: **Rafael Fuchs**, Munich Center for Mathematical Philosophy, LMU Munich

Rafael Fuchs: Munich Center for Mathematical Philosophy, LMU Munich; **Marko Tesic**: Leverhulme Centre for the Future of Intelligence, University of Cambridge; **Ulrike Hahn**: Birkbeck, University of London

P3-JJ-795: Are Disagreements Just Differences in Beliefs?

Presenting Author: Kerem Oktar and Branson Byers, Princeton
 Kerem Oktar: Princeton; John Branson Byers: Princeton University; Tania Lombrozo: Princeton University

P3-JJ-796: Bargaining power, outside options, and moral judgment

Presenting Author: Arthur Le Pargneux, University of Warwick
 Arthur Le Pargneux: University of Warwick; Fiery Cushman: Harvard University

P3-JJ-797: Moral flexibility in applying queuing norms can be explained by contractualist principles in children and adults

Presenting Author: Joshua P White, Massachusetts Institute of Technology
 Joshua P White: Massachusetts Institute of Technology; Rahul Bhui: MIT; Fiery Cushman: Harvard University; Josh Tenenbaum: MIT; Sydney Levine: Allen Institute for AI

P3-JJ-798: An Epistemic Principle of Charity in Informal Argument Evaluation

Presenting Author: Jens Koed Madsen, London School of Economics
 Jens Koed Madsen: London School of Economics; Mike Oaksford: Birkbeck, University of London; Nicole Lauren George: London Schools of Economics; Cassandra Teigen: London School of Economics and Political Science; Sayeh Yousefi: London School of Economics a

P3-JJ-799: Common sense reasoning about credibility

Presenting Author: Peiyao Hu, Stevens Institute of Technology
 Peiyao Hu: Stevens Institute of Technology; Mark K Ho: Stevens Institute of Technology

P3-KK-801: Exploring the Predictive Power of Eye Movements on Insight Problem Solving

Presenting Author: Emily Creel, Mississippi State University
 Emily Creel: Mississippi State University; Jarrod Moss: Mississippi State University

P3-LL-802: Testing the persuasiveness of meme based arguments by analogy

Presenting Author: Katherine Hallin, Zachary Horne, Leonidas Doumas, University of Edinburgh
 Zachary Horne: University of Edinburgh; Leonidas A. A. Doumas: University of Edinburgh; Katherine Hallin: University of Edinburgh

P3-LL-803: Error in Sequential Action: An Evaluation of a Competence Model

Presenting Author: Richard P. Cooper, Birkbeck, University of London
 Richard P Cooper: Birkbeck, University of London

P3-LL-804: Collateral benefits to others induce the representation of social interactions

Presenting Author: Jun Yin, Ningbo University
 Jun Yin: Ningbo University; Qingqing Ye: Ningbo University; Denis Tatone: Central European University

P3-LL-805: Action and outcome predictability impact sense of agency

Presenting Author: Laura Saad, US Naval Research Laboratory
 Laura Saad: US Naval Research Laboratory; J. Malcolm McCurry: Arcfield; Greg Trafton: Naval Research Laboratory

P3-LL-806: Effects of ease of comprehension and individual differences on the pleasure experienced while reading novelized verb-based metaphors

Presenting Author: Dr Patrick J Errington, University of Edinburgh
 Patrick J Errington: University of Edinburgh; Melissa Thye: University of Edinburgh; Annie Tao: University of Edinburgh; Daniel Mirman: University of Edinburgh

P3-LL-807: Unveiling Analogical Reasoning Strategies: Insights from Eye Tracking in Four-Term Analogies

Presenting Author: Hanna Kucwaj, SWPS University
 Hanna Kucwaj: SWPS University; Bartłomiej Krocze: Jagiellonian University in Krakow; Adam Chuderski: Jagiellonian University in Krakow

P3-LL-808: Assessing the Impact of Nature for Reducing Cognitive Fatigue: A Validation Study

Presenting Author: Marlène Bolduc, Université Laval
 Marlène Bolduc: Université Laval; Audrey Cayouette: Université Laval; Danielle Benesch: Thales Research and Technology Canada; Tanya Paul: Thales Research and Technology Canada; François Vachon: Université Laval; Alexandre Marois: Université Laval

P3-LL-809: Adolescent Metacognitive Ability Predicts Spontaneous Task Strategy Adjustment

Presenting Author: Kali Chidley, The University of Queensland
 Kali Chidley: The University of Queensland; Paul Dux: The University of Queensland; Amaya Fox: The University of Queensland; Stephanie Macmahon: The University of Queensland; Annemaree Carroll: The University of Queensland; Natasha Matthews: The Universit

P3-LL-811: Involuntary Mental Time Travel Occurrences: Differences Between Self-Caught and Probe-Caught Paradigms

Presenting Author: Güler Zeynep Sülün, Koç University
 Güler Zeynep Sülün: Koç University

P3-LL-812: The Role of Salience in Multialternative Multiattribute Choice

Presenting Author: Eeshan Hasan, Indiana University
 Eeshan Hasan: Indiana University; Jennifer Trueblood: Indiana University Bloomington

P3-LL-813: Intuitive Theories of Cognition on Affect and Risk Preferences

Presenting Author: Dogukan Demircioglu, University of Waterloo
dogukan demircioglu: University of Waterloo; **Chris Dawson:** University of Bath; **Samuel Johnson:** University of Waterloo

P3-LL-814: Revealing human planning strategies with eye-tracking

Presenting Author: Frederick Callaway, New York University
Frederick Callaway: New York University; **Miaomiao Yu:** New York University ; **Marcelo G Mattar:** New York University

P3-LL-815: Eye Movement Behavior during Mind Wandering across Different Tasks in Interactive Online Learning

Presenting Author: Xiaoru Teng, The University of Hong Kong
Xiaoru Teng: The University of Hong Kong; **Hui Lan:** Beijing University of Technology; **Gloria Wong:** University of Reading; **Antoni B. Chan:** City University of Hong Kong; **Janet Hsiao:** Hong Kong University of Science & Technology

P3-LL-816: Process Modelling for Digit Span Tasks: Attention, Working Memory, and Executive Functioning in Cancer Survivors

Presenting Author: Ruben Daniël Potthoff, Netherlands Cancer Institute

Ruben Potthoff: Netherlands Cancer Institute; **Sanne Schagen:** Netherlands Cancer Institute; **Joost Agelink van Rentergem:** Netherlands Cancer Institute

P3-LL-817: Cross-modal serial dependence between visual and auditory stimuli in numerical estimation task

Presenting Author: Takuma Hashimoto, Osaka Metropolitan University

Takuma Hashimoto: Osaka Metropolitan University; **Yukihiro Morimoto:** Osaka Prefecture University; **Shogo Makioka:** Osaka Metropolitan University

P3-LL-818: Explaining apparently impossible phenomena: difference between physical and mental effects

Presenting Author: Giorgio Gronchi, University of Florence
Giorgio Gronchi: University of Florence; **Axel Perini:** University of Florence; **Jeffrey Zemla:** Syracuse University; **Franco bagnoli:** University of Florence; **Maria Pia Viggiano:** University of Florence

P3-LL-819: The Effect of Set Size on Long-Term-Memory Retrieval Times in Cued Recall

Presenting Author: Susanne Haridi, Max Planck School of Cognition

Susanne Haridi: Max Planck School of Cognition; **Mirko Thalmann:** Helmholtz Institute; **Eric Schulz:** Helmholtz Institute

P3-LL-820: Motivated Information Search

Presenting Author: Ohan Hominis, Central European University
Ohan Hominis: Central European University; **Azzurra Ruggeri:** Central European University

P3-LL-821: Individual differences in multimodal child-directed language: Unraveling individual style, empathy and the Big Five personality traits

Presenting Author: Yanran Zhang, Tilburg university
Yanran Zhang: Tilburg university; **Yan Gu:** University of Essex

P3-LL-822: Generalizability of Conformist Social Influence Beyond Direct Reference

Presenting Author: Ryutaro Mori, The University of Tokyo
Ryutaro Mori: The University of Tokyo; **Hidezo Saganuma:** The University of Tokyo; **Tatsuya Kameda:** Meiji Gakuin University

P3-LL-823: Bias in Belief Updating: Combining the Bayesian Sampler with Heuristics

Presenting Author: Yitong Lin, University of Warwick
Yitong Lin: University of Warwick; **Jian-Qiao Zhu:** Princeton University; **Adam Sanborn:** University of Warwick

P3-LL-824: Cognitive Load In Speed-Accuracy Tradeoff: Theoretical and Empirical Evidence Based on Resource-Rational Analyses

Presenting Author: Masaru Shirasuna, Otemon Gakuin University
Masaru Shirasuna: Otemon Gakuin University; **Rina Kagawa:** University of Tsukuba; **Hidehito Honda:** Otemon Gakuin University

P3-LL-825: The Long-Term Impact of Cognitive Training on Risk-Reward Trade-Offs

Presenting Author: Anna Ubiali, City, University of London
Anna Ubiali: City, University of London; **Andreas Jarvstad:** City, University of London

P3-LL-826: The Effect of Perceived vs. Actual Knowledge on Exploration

Presenting Author: Yijin Fang, Tsinghua University
Yijin Fang: Tsinghua University; **Huiying Yang:** Tsinghua University; **Stella Christie:** Tsinghua University

P3-LL-827: The influence of alcohol-specific episodic memory and cue exposure on value-based decision-making and its role in ad libitum drinking

Presenting Author: Amber Copeland, University of Sheffield
Amber Copeland: University of Sheffield; **Tom Stafford:** University of Sheffield; **Matt Field:** University of Sheffield

P3-LL-828: Increasing reward prospect promotes cognitive flexibility: Further evidence from a cued global-local task

Presenting Author: Kerstin Fröber, University of Cologne
Kerstin Fröber: University of Cologne

P3-LL-829: Experiments in games: modding the Zool Redimensioned warning system to support players' skill acquisition and attrition rate

Presenting Author: Dr Nemanja Vaci, University of Sheffield
Nemanja Vaci: University of Sheffield; **Tom Stafford:** University of Sheffield; **Ying Ren:** University of Sheffield; **Jacob Habgood:** SUMO Digital

P3-LL-830: Mapping the Impact of Cognitive Biases on Irrational Beliefs: Evidence from Multi-Study Analysis

Presenting Author: **Predrag Teovanovic**, University of Belgrade
Predrag Teovanovic: University of Belgrade; **Danka Purić**: University of Belgrade; **Marko Živanović**: University of Belgrade; **Petar Lukić**: University of Belgrade; **Marija Branković**: University of Belgrade; **Sanda Stankovic**: University of Belgrade; **Ljiljana Lazarević**: University of Belgrade; **Iris Zezelj**: University of Belgrade

P3-LL-832: The Effects of Perspective Taking on Intellectual Humility and its Relationship to Confirmation Bias

Presenting Author: **Foivos Kotsogiannis Teftsgolou**, The American College of Greece, Deree
Foivos Kotsogiannis: The American College of Greece, Deree; **Ioanna Spenta**: The American College of Greece; **Chrysanthi Nega**: The American College of Greece

P3-LL-833: Probabilistic simulation supports generalizable intuitive physics

Presenting Author: **Haoliang Wang**, University of California, San Diego
Haoliang Wang: University of California, San Diego; **Khaled Jedoui**: Stanford University; **Rahul Venkatesh**: Stanford University; **Felix Jedidja Binder**: UC San Diego; **Josh Tenenbaum**: MIT; **Judith E. Fan**: Stanford University; **Daniel Yamins**: Stanford University;

3-LL-834: Can a Causal Relational Matching-to-Sample Task Reveal Abstract Reasoning Abilities in Preschool Children?

Presenting Author: **Elisa Felsche**, Max Planck Institute for Evolutionary Anthropology
Elisa Felsche: Max Planck Institute for Evolutionary Anthropology; **Luke Maurits**: Max Planck Institute for Evolutionary Anthropology; **Daniel Benjamin Moritz Haun**: Max Planck Institute for Evolutionary Anthropology

P3-LL-835: Functional Explanations Link Gender Essentialism and Normativity

Presenting Author: **Emily Foster-Hanson**, Swarthmore College
Emily Foster-Hanson: Swarthmore College; **Tania Lombrozo**: Princeton University

P3-LL-836: Rationally uncertain: investigating deviations from Explaining Away and Screening Off in causal reasoning

Presenting Author: **Nicolás Marchant**, Universidad Adolfo Ibáñez
Nicolas Marchant: Universidad Adolfo Ibáñez; **Guillermo Puebla**: Universidad de Tarapacá; **Tadeg Quillien**: University of Edinburgh; **Sergio E. Chaigneau**: Adolfo Ibanez University

P3-LL-837: Does the process of explaining affect one's beliefs?

Presenting Author: **Isaac Handley-Miner**, Boston College
Isaac Handley-Miner: Boston College; **Liane Young**: Boston College

P3-LL-838: Re-Examining Base-Rate Neglect: The Effect Of Context

Presenting Author: **Nine Adler**, University College London
Nine Adler: University College London; **Stephen H Dewitt**: University College London

P3-LL-839: Causal coherence improves episodic memory of dynamic events

Presenting Author: **Andreas Arslan**, Central European University
Andreas Arslan: Central European University; **Jonathan F. Kominsky**: Central European University

P3-LL-840: The Attraction of Anticipation: How Causal Interactions Draw People's Attention in Visual Tasks

Presenting Author: **Tianshu Chen**, University College London
Tianshu Chen: University College London; **Christos Bechlivianidis**: University College London; **Henrik Singmann**: UCL; **David Lagnado**: University College London

P3-LL-841: Social network topology shapes narrative processing and hashtag production

Presenting Author: **John Hunter Priniski**, UCLA
Hunter Priniski: UCLA; **Bryce Linford**: UCLA; **Sai Krishna**: University of Southern California; **Fred Morstatter**: USC Information Sciences Institute; **Jeff Brantingham**: UCLA; **Hongjing Lu**: UCLA

P3-LL-842: Causal Information Seeking

Presenting Author: **Brian N. Yin**, New York University
Brian N Yin: New York University; **Bob Rehder**: New York University

P3-LL-843: Asymmetry in Language, Asymmetry in Mind: The Effect of Sagittal Time-space Metaphors on Children's Understanding of Time

Presenting Author: **Jiayu Jiang**, Syracuse University
Jiayu Jiang: Syracuse University; **Yan Gu**: UCL

P3-LL-844: Recognising the future utility of a solution: When do children choose to retain and share an object to solve a future problem?

Presenting Author: **Zoe Ockerby**, The University of Queensland
Zoe Ockerby: The University of Queensland; **Thomas Suddendorf**: University of Queensland; **Jonathan Redshaw**: University of Queensland

P3-LL-846: Number In Perspective: Why is it Hard for Preschoolers to Attribute False Belief About Numerosity?

Presenting Author: **Zoltan Jakab**, Eötvös Loránd University
Zoltan Jakab: Eötvös Loránd University; **Szabolcs Kiss**: University of Pécs

P3-LL-847: The Effect of Modality on Children's Higher-Order Concept Learning

Presenting Author: **Emily Neer**, University of California, Los Angeles
Emily M Neer: University of California, Los Angeles; **Raymond Shao**: University of California, Los Angeles; **Catherine Sandhofer**: University of California, Los Angeles

P3-LL-848: Investigating deliberate ignorance in children and adults

Presenting Author: **Francesca Bonalumi**, Central European University

Francesca Bonalumi: Central European University; **Ralph Hertwig**: Max Planck Institute for Human Development; **Azzurra Ruggeri**: Technical University Munich

P3-LL-849: Simulating Infants' Attachment: Behavioral Patterns of Caregiver Proximity Seeking and Environment Exploration Using Reinforcement Learning Models.

Presenting Author: **Xi Jia Zhou**, Stanford Graduate School of Education

Xi Jia Zhou: Stanford Graduate School of Education; **Chris Doyle**: Stanford University; **Michael C. Frank**: Stanford University; **Nick Haber**: Stanford

P3-LL-850: Characterizing Age-Related Change in Learning the Value of Cognitive Effort

Presenting Author: **Camille V Phaneuf**, Harvard University

Camille V Phaneuf: Harvard University; **Isabelle M Jacques**: Harvard University; **Catherine Insel**: Columbia University; **Catherine Insel**: Northwestern University; **A. Ross Otto**: McGill University; **Leah Somerville PhD**: Harvard University

P3-LL-851: Can children leverage consensus and source independence to get better advice?

Presenting Author: **Oana Stanciu**, Central European University

Oana Stanciu: Central European University; **Azzurra Ruggeri**: Technical University Munich

P3-LL-852: Caregiver presence promotes judgements of exploration

Presenting Author: **Annya Dahmani**, University of California, Berkeley

Annya Dahmani: University of California, Berkeley; **Dorsa Amir**: University of California, Berkeley; **Ashley J Thomas**: Harvard University; **Alison Gopnik**: University of California at Berkeley

P3-LL-854: Young children recognise when others experience regret and relief

Presenting Author: **Alicia K Jones**, The University of Queensland

Alicia K Jones: The University of Queensland; **Nicole Nelson**: University of Adelaide; **Shalini Gautam**: Boston College; **Jonathan Redshaw**: University of Queensland

P3-LL-855: CognitiveConflict_0131

Presenting Author: **Nicolò Ciarrocchi**, Sapienza

Nicolò Ciarrocchi: Sapienza; **Pierpaolo Zivi**: Sapienza University of Rome

P3-LL-856: Shared perceptual decisions exhibit an animacy bias

Presenting Author: **Rebecca Geiselmann**, LMU Munich

Rebecca Geiselmann: LMU Munich; **Ophelia Deroy**: LMU; **Lasana Harris**: UCL

P3-LL-857: Effects of culture relatedness on bilingual emotional responses to words: Insights from word norms and event-related potentials (ERPs)

Presenting Author: **Yanxi Lu**, Lancaster University

Yanxi Lu: Lancaster University; **Kate Cain**: Lancaster University; **Bo Yao**: Lancaster University; **Francesca M M Citron**: Lancaster University

P3-LL-858: Studying with optimized multiple-choice distractors equates recall-based studying

Presenting Author: **Myrthe Braam**, University of Groningen

Myrthe Braam: University of Groningen; **Thomas Jan Wilschut**: University of Groningen; **Maarten van der Velde**: MemoryLab; **Hedderik van Rijn**: University of Groningen

P3-LL-859: Mitigating Modality-Based Interference: Multitasking practice and the distinctiveness of task representation in sensory brain regions

Presenting Author: **Marie Mueckstein**, University of Potsdam

Marie Mueckstein: University of Potsdam; **Kai Görzen**: Bernstein Center for Computational Neuroscience, Carité - Universitätsmedizin Berlin, Corporate Member of Freie Universität Berlin and Humboldt-Universität zu Berlin; **Stephan Heinzel**: Freie Universität

P3-LL-860: Longitudinal multilevel models for predicting cognitive change in Alzheimer's and related dementia patients

Presenting Author: **James A C Myers**, University of Sheffield

James A C Myers: University of Sheffield; **Tom Stafford**: University of Sheffield; **Nemanja Vaci**: University of Sheffield

P3-LL-861: Structure and process-level lexical interactions in memory search: A case study of individuals with cochlear implants and normal hearing

Presenting Author: **Mingi Kang**, Bowdoin College

Abhilasha Kumar: Bowdoin College; **Mingi Kang**: Bowdoin College; **William G. Kronenberger**: Indiana University; **Michael N. Jones**: Indiana University; **David Pisoni**: Indiana University

P3-LL-862: Validity of Concept Mapping for Assessing Mental Models of System Functioning

Presenting Author: **Judith Schmidt**, Chair of Vocational Education

Judith Schmidt: Chair of Vocational Education; **Eva Louise Rix**: Chair of Vocational Education; **Peter Hesse**: Chair of Vocational Education; **Stephan Abele**: Chair of Vocational Education; **Romy Müller**: Technische Universität Dresden, Chair of Engineering Psych

P3-LL-863: Holier-Than-Thou: Can Contextual Information About Minimal Groups Modulate the Robust Ingroup Bias Effect?

Presenting Author: **Abhishek Baba**, Indian Institute of Technology Kanpur

Abhishek Baba: Indian Institute of Technology Kanpur; **Ark Verma**: Indian Institute of Technology Kanpur

P3-LL-864: Extending the Locally Bayesian Learning Model to Exemplar-Based Categorization with Continuous Features

Presenting Author: Yu-Wei Chang, Syracuse University

Yu-Wei Chang: Syracuse University; Sinem Aytac: Syracuse University; Cindy G Mendoza Gonzalez: Syracuse University; Michael Kalish: Syracuse University; Daniel Corral: Syracuse University

P3-LL-865: Category Learning in Context: Modelling an Assimilation Process in Self-regulated Category Learning

Presenting Author: Ann-Katrin Hosch, University of Bremen

Ann-Katrin Hosch: University of Bremen; Janina A Hoffmann: University of Bath; Bettina von Helversen: University of Bremen

P3-LL-866: Is focusing enough in category learning?

Presenting Author: Hyungwook Yim, Hanyang University

Hyungwook Yim: Hanyang University; Sejin Yoon: Hanyang University

P3-LL-867: Predicting Insight during Physical Reasoning

Presenting Author: Solim LeGris, NYU

Solim LeGris: NYU; Brenden Lake: NYU; Todd M Gurekis: New York University

P3-LL-869: XOR in Order: Category Learning of Exclusive-Or in a Temporal Sequence

Presenting Author: Vedant Biren Shah, University of Bremen

Vedant Biren Shah: University of Bremen; René Schlegelmilch: University of Bremen; Bettina von Helversen: University of Bremen

P3-LL-870: Examining the Psychological Significance of the Jumps in the Decision Process through Test-Retest Reliability Analysis

Presenting Author: Mehdi Ebrahimi Mehr, Shahid Beheshti University

Mehdi Ebrahimi Mehr: Shahid Beheshti University; Jamal Amani Rad: Shahid Beheshti University

P3-LL-871: Regret Theory predicts decoy effects in risky and multiattribute choice

Presenting Author: Logan Walls, University of Michigan

Logan A Walls: University of Michigan; Andrew Howes: University of Exeter; Rick Lewis: University of Michigan

P3-LL-873: Cognitive deficits and enhancements in youth from adverse conditions: An integrative assessment using Drift Diffusion Modeling in the ABCD study

Presenting Author: Stefan Vermeent, Utrecht University

Stefan Vermeent: Utrecht University

P3-LL-874: Shock to Thrill: Linking Sensation and Information Seeking

Presenting Author: Ern Wong, IMT School for Advanced Studies Lucca

Ern Wong: IMT School for Advanced Studies Lucca; Tobias Hauser: University of Tübingen; Pietro Pietrini: IMT School for Advanced Studies Lucca; Charley M Wu: University of Tubingen

P3-LL-876: Comparing the effect of single outliers and outlier clusters on trend estimation in scatterplots

Presenting Author: Özgür Saydır, Koç University

Özgür Saydır: Koç University; Aysecan Boduroglu: Koc University

P3-LL-877: Task Diversity and Human Decision-Making: A Taxonomic View

Presenting Author: Inga Ibs, Technical University Darmstadt, Germany

Inga Ibs: Technical University Darmstadt, Germany; Claire Ott: TU Darmstadt; Constantin Rothkopf: Technical University of Darmstadt; Frank Jäkel: TU Darmstadt

P3-LL-878: Performance on the Traveling Salesperson Problem: The role of perceptual cues and theories of intelligence

Presenting Author: Rachel Blaser, University of San Diego

Rachel Blaser: University of San Diego; Alexandra Lockwood: University of San Diego; Colette Fox: Holy Cross College

P3-LL-879: Modelling probability matching as an approximate Bayesian sampling process

Presenting Author: Christian Tsvetkov, University of Warwick

Christian Tsvetkov: University of Warwick; Haijiang Yan: University of Warwick; Adam Sanborn: University of Warwick

P3-LL-880: On the ecologically rational inference and memory-based judgment errors

Presenting Author: Hidehito Honda, Otemon Gakuin University

Hidehito Honda: Otemon Gakuin University; Masaru Shirasuna: Otemon Gakuin University; Jun Kawaguchi: Nagoya University; Toshihiko Matsuka: Chiba University; Kazuhiro Ueda: The University of Tokyo

P3-LL-881: Can People Accurately Draw Statistical Inferences from Dot Plots?

Presenting Author: Sara Jaramillo, University of Pittsburgh

Sara Jaramillo: University of Pittsburgh; Benjamin Rottman: University of Pittsburgh

P3-LL-882: A Cue to Trust? Investigating the Impact of Political Advertising Transparency Disclaimers on Citizen Trust Evaluations

Presenting Author: Hazel Clare Gordon, University of Sheffield

Hazel Clare Gordon: University of Sheffield; Tom Stafford: University of Sheffield; Katharine Dommett: University of Sheffield

P3-LL-883: Exploring the expression of emotions in children's body posture using OpenPose

Presenting Author: Marlene Försterling, University of Oxford
Marlene Försterling: University of Oxford; **Stella Gerdemann:** Max Planck Institute for Human Development; **Brian Parkinson:** University of Oxford; **Robert Hepach:** University of Oxford

P3-LL-884: Relationship Between Spatial and Number Development: Spatial Location Knowledge but not Mental Rotation relates to Numerical Skills of Preschoolers

Presenting Author: Hüseyin Yalçiner, Middle East Technical University

Hüseyin Yalçiner: Middle East Technical University; **Dilay Z. Karadoller:** Koç University

P3-LL-885: Spontaneous use of external scaffolds in verbal problem solving is rare but beneficial

Presenting Author: Wendy Ross, London Metropolitan

Wendy Ross: London Metropolitan; **Selene Arfini:** University of Pavia

P3-LL-886: A Deeping Learning Modeling for the Development of Emotion judgement in Autistic Children

Presenting Author: Hui-Xin Cai, National Cheng Kung University

Hui-Xin Cai: National Cheng Kung University; **TSE MING Chen:** National Changhua University of Education; **HUA FENG:** Graduate Institute of Rehabilitation Counseling; **Shu-Ling Peng:** National Cheng Kung University; **Po-Sheng Huang:** National Taiwan University of Science and Technology; **Ying-Chien Wang:** National Cheng Kung University; **Jon-Fan Hu:** National Cheng Kung University

P3-LL-888: Exploring the Contributions of Semantics and Emotion to Word Memorability: a Behavioural and Computational Modeling Study

Presenting Author: Haoyu Zhang, University of Toronto

Haoyu Zhang: University of Toronto; **Wilma Bainbridge:** University of Chicago; **Pei Sun:** Tsinghua University ; **Andy C.H. Lee:** University of Toronto

P3-LL-889: Emotion, Belief, and the Words of the Law

Presenting Author: Monica Bucciarelli, Università di Torino

Monica Bucciarelli: Università di Torino; **Phil Johnson-Laird:** Princeton University

P3-LL-890: A high-dimensional semantic space of emotion representations support circumplex structure

Presenting Author: Dr Sudhakar Mishra, Indian Institute of Technology Kanpur

Sudhakar Mishra: Indian Institute of Technology Kanpur; **Narayanan Srinivasan:** Indian Institute of Technology; **Uma Shanker Tiwary:** Indian Institute of Information Technology Allahabad

P3-LL-891: Event Segmentation in Chess

Presenting Author: M.Sc. Psychologe & PhD Candidate Patric

Daniel Pfoertner: Cognitive Psychology

Patric Daniel Pfoertner: Cognitive Psychology; **Penka Hristova:** New Bulgarian University

P3-LL-892: The Impact of Mask Use on Face Recognition in Adults with Autism Spectrum Disorder: An Eye-Tracking Study

Presenting Author: Yueyan Zheng, University of Hong Kong

Yueyan Zheng: University of Hong Kong; **Weiyan Liao:** University of Hong Kong; **Ricky Van-yip Tso:** The University of Hong Kong; **Janet Hsiao:** Hong Kong University of Science & Technology

P3-LL-893: Unlocking the Face Code: How Facial Characteristics Drive Social Biases

Presenting Author: Necdet Gurkan, Stevens Institute of Technology

Necdet Gurkan: Stevens Institute of Technology; **Vismay Rathod:** Stevens Institute of Technology

P3-LL-894: Multimodality on screen: Multimodal spatial directions enhance children's spatial performance on virtual visual-spatial maps

Presenting Author: Elif Orakçı, Istanbul University

Elif Orakçı: Istanbul University; **Dilay Z. Karadoller:** Middle East Technical University (METU)

P3-LL-895: Students Can Learn More Efficiently When Lectures Are Replaced with Practice Opportunities and Feedback

Presenting Author: Michael W Asher, Carnegie Mellon University

Michael W Asher: Carnegie Mellon University; **Faria Sana:**

Athabasca University; **Kenneth R Koedinger:** Carnegie Mellon University; **Paulo Carvalho:** Human Computer Interaction Institute

P3-LL-896: A Reciprocal-Practice-Success (RPS) Model of Free Practice

Presenting Author: Pritam Laskar, University of Amsterdam

Pritam Laskar: University of Amsterdam; **Han L. J. van der Maas:** University of Amsterdam

P3-LL-897: Deceptive deception: disfluencies are incorrectly interpreted as cues to deceptive speech

Presenting Author: Aurélie Pistono, Ghent University

Aurélie Pistono: Ghent University; **Bram De keersmaecker:** Ghent University; **Robert Hartsuiker:** Ghent University

P3-LL-898: Labels aid in the more difficult of two category learning tasks: Implications for the relative diagnosticity of perceptual dimensions in selective attention tasks

Presenting Author: Andrew J. Mertens, University of Colorado at Boulder

Andrew J Mertens: University of Colorado at Boulder; **Eliana Colunga:** University of Colorado Boulder

P3-LL-900: New-meaning learning of L2 words facilitates the access to original meanings

Presenting Author: **Xiaoping Fang**, Beijing Language and Culture University

Yufan Zhang: Beijing Language and Culture University; **Charles Perfetti**: University of Pittsburgh; **Xiaoping Fang**: Beijing Language and Culture University

P3-LL-901: Context Affects Error Correction During Cross-Situational Word Learning

Presenting Author: **Katherine Snelling**, Queen's University

Katherine D Snelling: Queen's University; **Stanka A. Fitneva**: Queen's University

P3-LL-902: Assessing the meanings of ambiguous word roots in context: Evidence from crossmodal priming

Presenting Author: **Cedric Le Bouar**, Concordia University

Cedric Le Bouar: Concordia University; **Roberto G. de Almeida**: Concordia University

P3-LL-903: Assessing model-based and model-free Pavlovian-instrumental transfer using a novel two-stage paradigm

Presenting Author: **Laura Alexandra Wirth**, Universität Potsdam

Laura Alexandra Wirth: Universität Potsdam; **Daniel J. Schad**: University of Potsdam

P3-LL-904: Shifting your opinion makes you change your factual beliefs without evidence

Presenting Author: **Evan Orticio**, University of California, Berkeley

Evan Orticio: University of California, Berkeley; **Celeste Kidd**: University of California, Berkeley

P3-LL-905: A Comparison of Two Memory Models of Attitude Retrieval

Presenting Author: **Mark Orr**, Institute for Human and Machine Cognition

Mark G. Orr: Institute for Human and Machine Cognition; **Christian Lebiere**: Carnegie Mellon University; **Peter Pirolli**: Institute for human and machine cognition; **Don Morrison**: Carnegie Mellon University

P3-LL-906: How to measure observational implicit learning of complex sequences: a novel paradigm involving rapid visual presentation and serial reaction time task

Presenting Author: **Monia D'Angiò**, Sapienza University of Rome

Monia D'Angiò: Sapienza University of Rome; **Salvatore Gaetano Chiarella**: International School for Advanced Studies, SISSA; **Luca Simione**: Università degli Studi Internazionali; **Chiara Saracini**: Universidad Católica del Maule; **Antonino Raffone**: Sapienza Uni

P3-LL-907: Circular but Suggestive: Pragmatic Insights from Reductive Tautologies

Presenting Author: **Martin Meyer**, Yale University

Martin Meyer: Yale University; **Frank Keil**: Yale University

P3-LL-908: Bayesian Belief Polarization due to Differential Perceptions of Source Independence

Presenting Author: **David Young**, University of Cambridge

David J. Young: University of Cambridge; **Lee H de-Wit**: University of Cambridge; **Jens Koed Madsen**: London School of Economics

P3-LL-909: REM (1997) Predicts Old-New, 2afc, and 4afc Recognition

Presenting Author: **Richard Shiffrin**, Indiana University Bloomington

Zainab Mohamed: Indiana University Bloomington; **Constantin G. Meyer-Grant**: University of Freiburg; **Richard Shiffrin**: Indiana University

P3-LL-910: A nonparametric model of object discovery

Presenting Author: **Pat Little**, New York University

Pat Little: New York University; **Todd M Gureckis**: New York University

P3-LL-911: Reading in conditions of low contrast; The adaptability of binocular fixation behaviours

Presenting Author: **Ruomeng Zhu**, University of Amsterdam

Ruomeng Zhu: University of Amsterdam; **Mateo Obregón**: The University of Edinburgh; **Richard Shillcock**: The University of Edinburgh

P3-LL-912: Exploring Loophole Behavior: A Comparative Study of Autistic and Non-Autistic Populations

Presenting Author: **Kiera Parece**, Harvard University

Kiera Parece: Harvard University; **Sophie Bridgers**: MIT; **Tomer D. Ullman**: Harvard University; **Laura Schulz**: MIT

P3-LL-914: Backward reasoning through AND/OR trees to solve problems

Presenting Author: **Jeroen Olieslagers**, New York University

Jeroen Olieslagers: New York University; **Zahy Bnaya**: myWhatIf foundation; **Yichen Li**: Harvard University; **Wei Ji Ma**: New York University

P3-LL-915: Do large language models resolve semantic ambiguities in the same way as humans? The case of word segmentation in Chinese sentence reading

Presenting Author: **Weiyan Liao**, University of Hong Kong

Weiyan Liao: University of Hong Kong; **Zixuan Wang**: City University of Hong Kong; **Kathy Shum**: University of Hong Kong; **Antoni B. Chan**: City University of Hong Kong; **Janet Hsiao**: Hong Kong University of Science & Technology

P3-LL-916: Is Cognitive Ability Related with Rejecting Pseudoscience, Conspiracist, and Paranormal Beliefs? A Field Study

Presenting Author: **Hanna Kucwaj**, Jagiellonian University

Jan Jastrzebski: Jagiellonian University; **Adam Chuderski**: Jagiellonian University; **Hanna Kucwaj**: SWPS University

P3-LL-917: Exploring Analogical Asymmetry

Presenting Author: **Fanyi Mo**, Northwestern University

Fanyi Mo: Northwestern University; **Dedre Gentner:** Northwestern University

P3-LL-918: Evidence for distinct cognitive attitudes of belief in theory of mind

Presenting Author: **Alejandro Vesga**, Princeton University

Alejandro Vesga: Princeton University; **Neil Van Leeuwen:** Georgia State University; **Tania Lombrozo:** Princeton University

P3-LL-919: Modelling metric violations in (geometric) conceptual spaces

Presenting Author: **Karthikeya Kaushik**, University of California, Berkeley

Karthikeya Ramesh Kaushik: University of California, Berkeley; **Bill Thompson:** University of California, Berkeley

P3-LL-920: Inferences about social networks using domain-general reasoning

Presenting Author: **Claudia G. Sehl**, University of Waterloo

Claudia G. Sehl: University of Waterloo; **Ori Friedman:** University of Waterloo; **Stephanie Denison:** University of Waterloo

P3-LL-921: "I'm going to choose a Hibble": Social and statistical reasoning in DEI contexts

Presenting Author: **Aarthi Popat**, Yale University

Aarthi Popat: Yale University; **Yarrow Dunham:** Yale University

P3-LL-922: Off-Peak Price Reductions for Water Demand Management

Presenting Author: **Yutaro Onuki**, Hitotsubashi University

Yutaro Onuki: Hitotsubashi University; **Yurina Otaki:** Hitotsubashi University

P3-MM-923: Necessity, Possibility and Likelihood in Syllogistic Reasoning

Presenting Author: **Marco Ragni**, Chemnitz University of Technology

Daniel Brand: Chemnitz University of Technology; **Sara Todorovikj:** University of Technology Chemnitz; **Marco Ragni:** TU Chemnitz

P3-NN-924: Task-sensitive retrieval from semantic memory

Presenting Author: **Andrew Z. Flores**, University of Illinois Urbana-Champaign

Andrew Z. Flores: University of Illinois Urbana-Champaign; **Jon Willits:** University of Illinois at Urbana-Champaign

P3-NN-925: An experimental assessment of the null lexical gap

Presenting Author: **Mora Maldonado**, CNRS

Mora Maldonado: CNRS; **Ruizhe Zhou:** ENS; **Benjamin Spector:** CNRS, ENS

P3-B-926: Remembering better: A bridge between paired-associate learning and higher-order cognition

Presenting Author: **Kenneth Kurtz**, Binghamton University

Keith L Sherman: Binghamton University; **Kenneth Kurtz:** Binghamton University

P3-B-927: Bar Tip Limit Error and Characteristics of Drawn Data Distributions on Bar Graphs

Presenting Author: **Lucy Cui**, Rensselaer Polytechnic Institute

Lucy Cui: Rensselaer Polytechnic Institute; **Ching-Yi Wang:** Academic; **Yiwei Wang:** University of California, Los Angeles; **Peike Li:** University of California, Los Angeles; **Medha Kini:** University of California, Los Angeles; **Zili Liu:** UCLA

P3-B-928: (In)Accuracy of Human-Generated Correlations in A Scatterplot Drawing Task

Presenting Author: **Lucy Cui**, UCLA

Lucy Cui: UCLA; **Ching-Yi Wang:** Academic; **Yiwei Wang:** University of California, Los Angeles; **Peike Li:** University of California, Los Angeles; **Medha Kini:** University of California, Los Angeles; **Zili Liu:** UCLA

VIRTUAL POSTERS:**VP-B-1: Analogical Reasoning During Hypothesis Generation: The Role of Surface Competition During Access and Transfer**

Presenting Author: **Sabina V. León**, Agencia Nacional de Promoción Científica y Tecnológica (ANPCyT)

Sabina Leon: Agencia Nacional de Promoción Científica y Tecnológica (ANPCyT); **Leandro E. Rivas**: University of Comahue; **Maximo Trench**: University of Comahue

VP-B-4: How wise is the crowd: Can we infer people are accurate and competent merely because they agree with each other?

Presenting Author: **Jan Pfänder**, Institut Jean Nicod, ENS-PSL, CNRS

Jan Pfänder: Institut Jean Nicod, ENS-PSL, CNRS; **Benoît de Courson**: Max Planck Institute for the Study of Crime, Security and Law; **Hugo Mercier**: CNRS

VP-E-6: Navigating Brain Language Representations: A Comparative Analysis of Neural Language Models and Psychologically Plausible Models

Presenting Author: **Yunhao Zhang**, State Key Laboratory of Multimodal Artificial Intelligence Systems, Institute of Automation, CAS, Beijing, China.

Yunhao Zhang: State Key Laboratory of Multimodal Artificial Intelligence Systems, Institute of Automation, CAS, Beijing, China;

Shaonan Wang: State Key Laboratory of Multimodal Artificial Intelligence Systems, Institute of Automation, CAS, Beijing, China

VP-E-7: Minimal Modeling for Cognitive Ecologists: Measuring Decision-Making Trade-Offs in Ecological Tasks

Presenting Author: **Eden Forbes**, Indiana University

Eden Forbes: Indiana University; **Randall Beer**: Indiana University

VP-E-8: InfCTI-ImpCTI: Inferring and Implementing Clinicians' Treatment Intentions

Presenting Author: **Jinsheng Shi**, Beijing University of Posts and Telecommunications

Jinsheng Shi: Beijing University of Posts and Telecommunications;

Yuyu Yuan: Beijing University of Posts and Telecommunications;

Yuanyang Cai: Beijing University of Posts and Telecommunications;

Rui Han: Beijing University of Posts and Telecommunications; **Zh**

VP-E-9: Decision-Making Paradoxes in Humans vs Machines: The case of the Allais and Ellsberg Paradoxes

Presenting Author: **Ardavan S. Nobandegani**, McGill University

Ardavan S. Nobandegani: McGill University; **Irina Rish**: Mila - Quebec AI Institute; **Thomas Shultz**: McGill University

VP-E-10: Human-Like Moral Decisions by Reinforcement Learning Agents

Presenting Author: **Ali Shiravand**, École Normale Supérieure - PSL

Ali Shiravand: École Normale Supérieure - PSL; **Jean-Baptiste André**: École Normale Supérieure - PSL

VP-E-11: How Well Do Deep Learning Models Capture Human Concepts? The Case of the Typicality Effect

Presenting Author: **Siddhartha Vemuri**, Georgia Institute of Technology

Siddhartha Vemuri: Georgia Institute of Technology; **Raj Sanjay Shah**: Georgia Institute of Technology; **Sashank Varma**: Georgia Tech

VP-E-12: Compositional learning of functions in humans and machines

Presenting Author: **Yanli Zhou**, New York University

Yanli Zhou: New York University; **Brenden Lake**: NYU; **Adina Williams**: Meta Platforms Inc.

VP-E-13: Two-Stream Vision Swin Transformer for Video-based Eye Movement Detection

Presenting Author: **Ziheng Wang**, Defense Innovation Institute, Academy of Military Sciences

Ziheng Wang: Defense Innovation Institute, Academy of Military Sciences; **Xiaowei Bai**: Defense Innovation Institute, Academy of Military Sciences; **Xiaodong Wang**: Defense Innovation Institute, Academy of Military Sciences; **Zhenyu Fang**: Northwestern Polytech

VP-E-14: LLMs Don't "Do Things with Words" but Their Lack of Illocution Can Inform the Study of Human Discourse

Presenting Author: **Zachary Rosen**, University of California, Los Angeles

Zachary P Rosen: University of California, Los Angeles; **Rick Dale**: UCLA

VP-F-15: Attentional sustainability of organizer users under fast and slow appearing notifications

Presenting Author: **Valeriya G. Sklemenova**, HSE University

Valeriya Sklemenova: HSE University; **Anastasia Anufrieva**: HSE University

VP-K-16: Development of Flexible Role-Taking in Conversations Across Preschool

Presenting Author: **Abdellah Fourtassi**, Aix-Marseille University

Morgane Peirolo: Aix-Marseille University; **Zihan Xu**: Aix-Marseille University; **Abdellah Fourtassi**: Aix-Marseille University

VP-K-17: Understanding Infinity: Neural Network Models of Becoming a "Cardinal Principle Knower"

Presenting Author: **Sashank Varma**, Georgia Institute of Technology

Vima Gupta: Georgia Institute of Technology; **Sashank Varma**: Georgia Tech

VP-K-18: Dual Weighted Graph Convolutional Network for POI Recommendation

Presenting Author: Junhui Deng, Zhejiang University of Technology

Zhi Liu: Zhejiang University of Technology; **Deju Zhang:** College of Computer Science and Technology, Zhejiang University of Technology; **Junhui Deng:** College of Computer Science and Technology; **Guojiang Shen:** Zhejiang University of Technology; **Xiangjie Kong**

VP-K-19: Dual Contrastive Learning for Next POI Recommendation with Long and Short-Term Trajectory Modeling

Presenting Author: Junhui Deng, Zhejiang University of Technology

Zhi Liu: Zhejiang University of Technology; **Junhui Deng:** College of Computer Science and Technology; **Deju Zhang:** College of Computer Science and Technology, Zhejiang University of Technology; **zhiyu chen:** Computer Science and Technology; **Guojiang Shen:** Zhe

VP-K-20: PersonalityScanner: Exploring the Validity of Personality Assessment Based on Multimodal Signals in Virtual Reality

Presenting Author: Xintong Zhang, Beijing Key Lab of Traffic Data Analysis and Mining, Beijing Jiaotong University

Xintong Zhang: Beijing Key Lab of Traffic Data Analysis and Mining, Beijing Jiaotong University; **Di Lu:** Peking University; **Huiqi Hu:** Beijing Key Lab of Traffic Data Analysis and Mining, Beijing Jiaotong University; **Nan Jiang:** Peking University; **Xianhao Yu**

VP-L-21: Wait before you leap: Influence of instruction sequence on Visual search task

Presenting Author: Bhavi Bajaj CNCS: University of Hyderabad

Bhavi Bajaj CNCS: University of Hyderabad

VP-L-22: Cross-Subject Emotion Classification based on Dual-Attention Mechanism and Meta-Transfer Learning

Presenting Author: Qian Zhang, Xidian university

Qian Zhang: Xidian university; **Liying Yang:** XiDian University; **gang cao:** XiDian University; **qiang wang:** Xidian University

VP-L-23: Accounting for Action: Challenging the Traditional View of Multimodal Perceptual Objects

Presenting Author: Spencer Ivy & Aleksandra Mroczko-Wasowicz (online), University of Warsaw

Aleksandra Mroczko-Wasowicz: University of Warsaw; **Spencer Ivy:** University of Warsaw; **Michał Bachanek:** University of Warsaw; **Aleksandra Cząstkiewicz:** Maria Curie-Skłodowska University

VP-L-24: An EEG-based depressive detection network with adaptive feature learning and channel activation

Presenting Author: Chenyang Xu, Tianjin University

Chenyang Xu: Tianjin University; **Feiyi Fan:** Institute of Computing Technology, Chinese Academy of Sciences; **Jianfei Shen:** Institute of Computing Technology, Chinese Academy of Sciences; **Hanguang Wang:** Tianjin University; **Zhongyi Zhang:** Tianjin University;

VP-P-25: Quicker, extremer: a computational modeling of reaction time and rating in social evaluation of faces

Presenting Author: Nan Wang, the Chinese University of Hong Kong

Nan Wang: the Chinese University of Hong Kong

VP-P-26: Detection of Image Filters is Biased by Gender and Internalized Beauty Ideals

Presenting Author: Ivonnia M. Flores Bravo, National Scientific and Technological Council of Argentina

Ivonnia M Flores Bravo: National Scientific and Technological Council of Argentina; **Trinidad Belén Speranza:** Centro de Investigaciones en Psicología y Psicopedagogía. National Scientific Research and Technology Council; **Gaston Saux:** Centro de Investigacio

VP-P-27: A computational analysis of gender differences in face-based perception of trustworthiness and dominance

Presenting Author: Christine H. Lind, University of California San Diego

Christine H Lind: University of California San Diego; **Angela J Yu:** UC San Diego

VP-Q-28: Joint Improvisation; Perception of Togetherness in Contemporary Dance Performance

Presenting Author: Trinidad B. Esperanza, National Scientific and Technical Research Council

Trinidad Belén Speranza: National Scientific and Technical Research Council; **Ivonnia M Flores Bravo:** Pontificia Universidad Católica Argentina; **Verónica Ramenzoni:** National Scientific and Technological Council of Argentina

VP-S-29: Peer tutoring vs. solo activities: Effects on learning and emotion

Presenting Author: Ronessa Dass, Carleton University

Ronessa Dass: Carleton University; **Kaleigh St. Jacques:** Carleton University; **Kasia Muldner:** Carleton University

VP-S-30: Advanced Readability Estimation through Educational Content Complexity

Presenting Author: Yo Ehara, Tokyo Gakugei University

Yo Ehara: Tokyo Gakugei University

VP-S-31: ChatGPT and the Illusion of Explanatory Depth

Presenting Author: **Yomn Elsayed**, Erasmus University Rotterdam
Yomn Elsayed: Erasmus University Rotterdam; **Steven Verheyen**: Erasmus University Rotterdam

VP-S-32: Bridging (and Elaborating on) the Achievement Gap

Presenting Author: **Daniel P. Feller**, University of Memphis
Daniel P. Feller: University of Memphis; **Ann Cale Kruger**: Georgia State University; **Joe P Magliano Magliano**: Georgia State University.

VP-U-33: Violations of Moral Standards versus Emotional Reactions: How is Outrage Generated?

Presenting Author: **Amelia Jessop**, Brown University
Amelia Day Jessop: Brown University ; **Hyoseok Kim**: Southern Connecticut State University; **Steven Sloman**: Brown University

VP-U-34: Inversion Effect of Emotional Bodies in Social Situations

Presenting Author: **Gyopárka Barbara Lázár**, Institute of Psychology
Gyopárka Barbara Lázár: Institute of Psychology; **Beatrix Lábadi**: Institute of Psychology University of Pécs

VP-U-35: Exogenous Self-Blame Modulates Charitable Giving

Presenting Author: **Lucila Arroyo**, University of California, Irvine
Lucila Arroyo: University of California, Irvine; **Mimi Liljeholm**: University of California, Irvine

VP-Z-36: Visual working memory, attentional sustainability and shifting in digital versus non-digital environment: the role of perceptual feedback

Presenting Author: **Anastasia Anufrieva**, HSE University
Anastasia Anufrieva: HSE University

VP-CC-37: "Three yellow stars and three red hearts: Can subset-knowers learn number word meanings from multiple exemplars?

Presenting Author: **Pierina Cheung**, Loughborough University
Theresa Elise Wege: Loughborough University; **Rebecca Merkley**: Carleton University; **Sara Jasim**: York University; **Daniel Ansari**: Western University; **Pierina Cheung**: Nanyang Technological University

VP-CC-38: Examining the robustness and generalizability of the shape bias: a meta-analysis

Presenting Author: **Samah O Abdelrahim**, Stanford University
Samah O Abdelrahim: Stanford University; **Michael C. Frank**: Stanford University

VP-CC-39: Native and Non-Native Speakers' Cue Integration in the Processing of the English As-Predicate Construction

Presenting Author: **Ivana Domazetoska**, University of Melbourne
Ivana Domazetoska: University of Melbourne; **Helen Zhao**: University of Melbourne

P-CC-40: A preregistered investigation of language-specific distributional learning advantages in English-Mandarin bilingual adults

Presenting Author: **Hannah L. Goh**, Nanyang Technological University
Hannah L. Goh: Nanyang Technological University; **Suzy J. Styles**: Nanyang Technological University

VP-CC-41: Comparing online and post-processing pronunciation correction during orthographic incidental learning: A computational study with the BRAID-Acq model

Presenting Author: **Steinhilber Alexandra**, Laboratoire de Psychologie et NeuroCognition
Alexandra Steinhilber: Laboratoire de Psychologie et NeuroCognition; **Sylviane Valdois**: CNRS et Université Grenoble Alpes; **Julien Diard**: CNRS - Université Grenoble Alpes

VP-CC-42: Inner reading voice styles and eye movements during audio-assisted reading

Presenting Author: **Yefei Liang**, Hiroshima University
Yefei Liang: Hiroshima University; **Takumi Arima**: Hiroshima University; **Aiko Morita**: Hiroshima University

VP-CC-43: Bi-Branch Meta-Learning for Few-Shot Word Sense Disambiguation

Presenting Author: **Qingying Chen**, Tianjin University
Qingying Chen: Tianjin University; **Jing Zhang**: Tianjin University; **Peng Zhang**: Tianjin University; **Hui Gao**: Tianjin University

VP-CC-44: Two Negatives Make a Positive: Reducing Referential Uncertainty through Negation and Order Reversal Eases Processing in Counterfactuals

Presenting Author: **Ebru Evcen**, University of California San Diego
Ebru Evcen: University of California San Diego; **Eva Wittenberg**: Central European University

VP-CC-45: Real-time processing of symmetrical predicates: Semantic categorization over time

Presenting Author: **Ugurcan Vurgun**, University of Pennsylvania
Ugurcan Vurgun: University of Pennsylvania; **Heesu Yun**: University of Pennsylvania; **Barbara Landau**: Johns Hopkins University; **John Trueswell**: University of Pennsylvania

VP-CC-46: Encoding discourse structure information during language comprehension: Evidence from web-based visual world paradigm experiments

Presenting Author: **Sanghee J. Kim**, University of Chicago
Sanghee J. Kim: University of Chicago; **Ming Xiang**: University of Chicago

VP-CC-47: Breadth of the Stars: Exploring Adjectival Breadth in Online Reviews

Presenting Author: Lin L. Lin, University of California, Los Angeles
Lin Lin: University of California, Los Angeles; **Rick Dale:** University of California, Los Angeles (UCLA); **Steve Stroessner:** University of California, Los Angeles (UCLA)

VP-CC-48: An information-theoretic model of shallow and deep language comprehension

Presenting Author: Jiaxuan Li, University of California Irvine
Jiaxuan Li: University of California Irvine; **Richard Futrell:** UC Irvine

VP-CC-49: Beyond Noise: The Role of Speaker Variability on Statistical Learning

Presenting Author: Larissa Melville, University of British Columbia
Larissa Melville: University of British Columbia; **Alexis K. Black:** The University of British Columbia

VP-CC-50: A hierarchical Bayesian model for syntactic priming

Presenting Author: Weijie Xu, University of California, Irvine
Weijie Xu: University of California, Irvine; **Richard Futrell:** UC Irvine

VP-CC-51: Improving the Readability of Scientific Concept Analogies with Cognitive Conflict Reinforcement Learning

Presenting Author: Yuang Cai, Beijing University of Posts and Telecommunications

Yuang Cai: Beijing University of Posts and Telecommunications; **Yuyu Yuan:** Beijing University of Posts and Telecommunications; **Jinsheng Shi:** Beijing University of Posts and Telecommunications; **Rui Han:** Beijing University of Posts and Telecommunications; **Zh**

VP-CC-52: Incremental Comprehension of Garden-Path Sentences by Large Language Models: Semantic Interpretation, Syntactic Re-Analysis, and Attention

Presenting Author: Andres Li, Georgia Institute of Technology
Andrew Li: Georgia Institute of Technology; **Xianle Feng:** Georgia Institute of Technology; **Siddhant Narang:** Georgia Institute of Technology; **Austin Peng:** Georgia Institute of Technology; **Tianle Cai:** Georgia Institute of Technology; **Raj Sanjay Shah:** Georgia

VP-CC-53: Large Language Models for Collective Problem-Solving: Insights into Group Consensus Decision-Making

Presenting Author: Yinuo Du, Software and Societal Systems Department

Yinuo Du: Software and Societal Systems Department; **Prashanth Rajivan:** University of Washington; **Cleotilde Gonzalez:** Carnegie Mellon University

VP-CC-54: Self-Hint Prompting Improves Zero-shot Reasoning in Large Language Models via Reflective Cycle

Presenting Author: Jindou Chen, Shanghai Jiao Tong University
Jindou Chen: Shanghai Jiao Tong University; **Jidong Tian:** Shanghai Jiao Tong University; **Yaohui Jin:** Artificial Intelligence Institute

VP-CC-55: MentalBlend: Enhancing Online Mental Health Support through the Integration of LLMs with Psychological Counseling Theories

Presenting Author: Ziyin Gu, University of Chinese Academy of Sciences
Ziyin Gu: University of Chinese Academy of Sciences; **Qingmeng Zhu:** University of Chinese Academy of Sciences

VP-DD-56: Do People Know More Than Exemplar Models Would Predict?

Presenting Author: Joshua C Glass, Binghamton University
Joshua C Glass: Binghamton University; **Kenneth Kurtz:** Binghamton University

VP-DD-57: Procedural and Declarative Category Learning Simultaneously Contribute to Downstream Processes

Presenting Author: Priya Kalra, University of Western Ontario
Priya B. Kalra: University of Western Ontario; **Laura Batterink:** University of Western Ontario; **John Paul Minda:** University of Western Ontario

VP-DD-58: Random Replaying Consolidated Knowledge in the Continual Learning Model

Presenting Author: Guanglu Wang, Dalian University of Technology

Guanglu Wang: Dalian University of Technology; **Xinyue Liu:** Dalian University of Technology; **Wenxin Liang:** Dalian University of Technology; **Linlin Zong:** Dalian University of Technology; **XianChao Zhang:** Dalian University of Technology

VP-DD-59: Exploring Cognitive Diversity and Dynamics for Effective Language Memory Retention

Presenting Author: Gaoyun Lin, College of Computer Science and Technology

Gaoyun Lin: College of Computer Science and Technology; **Yahong Hu:** Zhejiang University of Technology

VP-EE-60: Anticipating object shapes using world knowledge and classifier information: Evidence from eye-movements in L1 and L2 processing

Presenting Author: Baorui Xu, Peking University

Baorui Xu: Peking University; **Shuo Feng:** Peking University; **Yipu Wei:** Peking University

VP-EE-61: Processing of Relative Clause Structural Ambiguity by Iranians' Japanese Learners - From the Perspective of the Effect of L1 and the Animacy of the Head Nouns on L2 Sentence Processing -

Presenting Author: Faezeh Zare, University of the Ryukyus
Faezeh Zare: University of the Ryukyus ; Hideki Goya: University of the Ryukyus

VP-EE-62: Both intrinsic and allophonic vowel duration matter in textsetting

Presenting Author: Nicole Gilroy, Carleton University
Nicole Gilroy: Carleton University; Lev Blumenfeld: Carleton University; Ida Toivonen: Carleton University

VP-EE-63: Surpassing Immediate Spatio-temporal Metaphors: The Enduring Impact of Language and Visuospatial Experience on Temporal Cognition in Native and Near-Native Mandarin Speakers

Presenting Author: Chunying Wu, Peking University
Chunying Wu: Peking University; Lingyue Kong: Peking university; Xiao Ke: Lancaster University

VP-EE-64: The Role of Syntactic and Referential Evidence in Verb Learning across Exposures

Presenting Author: Yiran Chen, University of Wisconsin - Madison
Yiran Chen: University of Wisconsin - Madison; Alexander S LaTourrette: Haverford College; John Trueswell: University of Pennsylvania

VP-OO-65: Viewpoint as metacognitive strategy in musical improvisation and multimodal meta-discourse

Presenting Author: Henrique Tavares Dias Perissinotto, Federal University of Juiz de Fora
Henrique Tavares Dias Perissinotto: Federal University of Juiz de Fora; Irene Mittelberg: RWTH Aachen University; Joao Queiroz: Institute of Arts, Federal University of Juiz de Fora

VP-OO-66: The Power of Linguistic Similarity for Unlocking Cooperation - Evidence from Syntax and Pitch Experiments

Presenting Author: Theresa Matzinger, University of Vienna
Theresa Matzinger: University of Vienna; Irene Böhm: University of Vienna

VP-OO-67: Novel Word Learning in Multilingual Children with and without Autism Spectrum Disorder: Roles of Social Cognition, Multilingualism and Vocabulary Proficiency

Presenting Author: Jinghong NING, PolyU
Jinghong NING: PolyU; Anqi Hu: University of Delaware; Zhenghan Qi: Northeastern University; Li Sheng: PolyU

VP-LL-68: Generic Language as a Vehicle for Socially-Contingent Generalizations

Presenting Author: Alejandro Curiel, California State University East Bay

Alejandro Curiel: California State University East Bay; Danisha Watson: California State University East Bay; Virginia Valerio-Lambert: California State University East Bay; Justin Miranda: California State University East Bay; Jocelyn Celaya: California

VP-EE-69: Productivity and Creative Use of Compounds in Reduced Registers: Implications for Grammar Architecture

Presenting Author: Anastasia Smirnova, San Francisco State University

Anastasia Smirnova: San Francisco State University

VP-E-70: Incorporating a cognitive model for evidence accumulation into deep reinforcement learning agents

Presenting Author: James Mochizuki-Freeman, Indiana University
James Mochizuki-Freeman: Indiana University; Md Rysul Kabir: Indiana University; Zoran Tiganj: Indiana University

VP-LL-71: Unrealized promise of joint modeling of choice and reaction time in improving representation learning

Presenting Author: Russell Richie, University of Pennsylvania
Russell Richie: University of Pennsylvania; Nehal Ajmal: Vassar College; Martin N Hebart: Max Planck Institute for Human Cognitive and Brain Sciences

VP-EE-72: Revisiting the effects of interword spacing and root frequency in Arabic visual processing

Presenting Author: Fatima Boush, United Arab Emirates University
Tommi Leung: United Arab Emirates University; Fatima Boush: United Arab Emirates University

VP-L-73: Temporal Dynamics of Semantic and Form preactivation in Lexical Selection: An EEG Study

Presenting Author: Armando Q. Angulo-Chavira, UNAM
Armando Quetzalcóatl Angulo Chavira: UNAM; Alejandra Mitzi Castellón-Flores: Universidad Nacional Autónoma de México; Elia Haydee Carrasco-Ortíz: Universidad Autónoma de Queretaro; Natalia Arias-Trejo: Universidad Nacional Autónoma de Mexico, UNAM

VP-LL-74: Adapting to loss: A normative account of grief

Presenting Author: Zack Dulberg, Princeton University
Zack Dulberg: Princeton University

VP-LL-75: Decision-Making Behaviour and Minimal Social Conditions: Economic versus Moral Choices

Presenting Author: Pardis Aydin, Graduate School of Informatics, Middle East Technical University

Pardis Aydin: Graduate School of Informatics, Middle East Technical University; Murat Perit Cakir: Middle East Technical University

VP-LL-76: “Dancing on the ceiling”: The role of different forms of thinking on retrospective reevaluation in children

Presenting Author: **Rebecca Beaton**, Vanderbilt University
Rebecca Beaton: Vanderbilt University; **Deon T. Benton**: Vanderbilt University

VP-M-77: ADViRDS: Assessment of Domestic Violence Risk Dataset and Scale on Social Media

Presenting Author: **Chengwei Tong**, University of Science and Technology of China

Chengwei Tong: University of Science and Technology of China; **Mengzhuo Guo**: University of Science and Technology of China; **Yao Tian**: University of Science and Technology of China; **Mengzhu Zhang**: Anhui Medical University; **Yangyang Li**: Academy of Cyber; **Chu**

VP-LL-79: Encoding a Secondary Intention can Increase Aftereffects in Prospective Memory

Presenting Author: **Ms Snigdha Ayyagari**, Indian Institute of Technology Guwahati

Snigdha Ayyagari: Indian Institute of Technology Guwahati

VP-L-80: Modulation of rhythmic brain circuitry alters the pattern of experience-based decision processing

Presenting Author: **Sadegh Ghaderi**, Institute of Cognitive and Brain Sciences Cognitive modeling

sadegh Ghaderi: Institute of Cognitive and Brain Sciences Cognitive modeling; **Mohammad Hemami**: Institute of Cognitive and Brain Sciences; **Jamal Amani Rad**: Shahid Beheshti University; **Reza khosrowabadi**: Institute of Cognitive and Brain Sciences

VP-U-80: Learning and generalizing associations between social cues and outcomes

Presenting Author: **Martin Zettersten**, University of Pennsylvania

Rista C Plate: University of Pennsylvania; **Emily R. Perkins**: University of Pennsylvania; **Rebecca Waller**: University of Pennsylvania; **Martin Zettersten**: Princeton University

VP-LL-82: Investigation of The Generation Effect on Memory and Metamemory Through Semantic and Perceptual Cues

Presenting Author: **Fatih Yavuz**, Bilkent University

Fatih Yavuz: Bilkent University; **Miri Besken**: Bilkent University

VP-H-83: What makes a novel spatial metaphor of time?

Presenting Author: **Emir Akbuga**, Koç University

Emir Akbuga: Koç University; **Tilbe Göksun**: Koç University

VP-LL-84: Effect of word length on updating working memory contents

Presenting Author: **Thara Baburaj**, Indian Institute of Technology, Guwahati

Thara Baburaj: Indian Institute of Technology, Guwahati

VP-LL-85: Design fiction and Green IT: Impact of foresight scenarios on behavioral intention

Presenting Author: **Jean-Marc Josset**, b>>com

Julie Rochat: b>>com; **Martin Ragot**: b>>com; **Jean-Marc Josset**: b>>com

VP-L-86: Our sweetest hours fly fastest... on smartphone

Presenting Author: **Jean-Marc JOSSET**, Orange Labs

Jean-Marc Josset: Orange Labs; **Erwan Le Quentrec**: Orange Innovation; **Virginie van Wassenhove**: CEA, INSERM

VP-L-87: Unveiling the Path to Phonological Anticipation: Insights from Infants' Eye Movements

Presenting Author: **Alejandra Mitzi Castellón Flores**, Universidad Nacional Autónoma de México

Alejandra Mitzi Castellón-Flores: Universidad Nacional Autónoma de México; **Armando Q Angulo-Chavira**: Universidad Nacional Autónoma de México; **Natalia Arias-Trejo**: Universidad Nacional Autónoma de Mexico, UNAM

VP-EE-88: Children can use distributional cues to acquire recursive structures

Presenting Author: **Daoxin Li**, University of Pennsylvania

Daoxin Li: University of Pennsylvania; **Kathryn Schuler**: University of Pennsylvania

VP-LL-89: Is it a bat or a thing? Referential contrast in the learning of homophones and superordinate terms

Presenting Author: **Daoxin Li**, University of Pennsylvania

Daoxin Li: University of Pennsylvania; **Christine Soh Yue**: University of Pennsylvania; **John Trueswell**: University of Pennsylvania

VP-LL-90: Predisposed Mood and Music in Perceptual Judgement Task

Presenting Author: **Manas Kabre**, International Institute of information technology, Hyderabad

Manas Kabre: International Institute of information technology, Hyderabad; **Priyanka Srivastava**: International Institute of Information Technology, Hyd

VP-FF-91: DELTA: Dynamic Embedding Learning with Truncated Conscious Attention for CTR Prediction

Presenting Author: **Chen Zhu**, Tsinghua University

Chen Zhu: Tsinghua University; **Liang Du**: IEG; **Hong Chen**: Tsinghua University; **Shuang Zhao**: Tencent; **Zixun Sun**: Tencent; **Xin Wang**: Tsinghua University; **Wenwu Zhu**: Tsinghua University

VP-CC-92: Analysing Communicative Intent Coordination in Child-Caregiver Interactions

Presenting Author: **Abhishek Agrawal**, Aix-Marseille Université

Abhishek Agrawal: Aix-Marseille Université; **Benoit Favre**: Aix-Marseille University; **Abdellah Fourtassi**: Aix-Marseille University

VP-GG-93: Integrative Multimodal Dynamics of Neural and Behavioral Signals: An fNIRS Hyperscanning and Deep Neural Network (DNN) Investigation

Presenting Author: Grace Qiyuan Miao, University of California, Los Angeles (UCLA)

Grace Qiyuan Miao: University of California, Los Angeles (UCLA); **Yanru Jiang:** University of California Los Angeles; **Ashley Binnquist:** University of California, Los Angeles; **Agnieszka Pluta:** University of Warsaw; **Francis Steen:** University of California; **Ri**

VP-PP-94: Temporal Persistence Explains Mice Exploration in a Labyrinth

Presenting Author: Umesh Kumar Singla, Princeton University

Umesh K Singla: Princeton University; **Marcelo G Mattar:** New York University

VP-EE-95: How categories of intransitive verbs are formed? The interaction between meaning and grammar based on evidence from children's acquisition

Presenting Author: Kaiying Lin, University of Hawai'i

Kaiying Lin: University of Hawai'i

VP-LL-96: Does Working Memory Load Influence the Prioritization Effect by Affecting the Consistency of Attention?

Presenting Author: Pouria Rahgosha, Mississippi State University

Pouria Rahgosha: Mississippi State University; **Jarrod Moss:** Mississippi State University

VP-LL-97: Tuning the speed-accuracy trade-off in optimal decision policies during development

Presenting Author: Zeinab Majidifard, Shahid Beheshti University

Zeinab Majidifard: Shahid Beheshti University; **Jamal Amani Rad:** Shahid Beheshti University

VP-Q-98: Risky Decisions from Personal and Observed Experience

Presenting Author: Alina Gutoreva, Kazakh-British Technical University

Alina Gutoreva: Kazakh-British Technical University; **Elliot Andrew Ludvig:** University of Warwick

VP-LL-99: A Federated Graph Learning Framework for Brain Connectome

Presenting Author: Chaomeng Chen, Beijing University of Posts and Telecommunications

chaomeng chen: Beijing University of Posts and Telecommunications; **sen su:** Beijing University of Posts and Telecommunications

VP-E-100: Dynamic Graph Convolution Based on Functional Neuroimaging Priors for EEG Mental Fatigue Recognition on Cross-subject

Presenting Author: Man Jiang, South China University of Technology

Man Jiang: South China University of Technology; **Jianxiu Jin:** South China University of Technology; **Xubin Huang:** Guangdong Telecom Planning and Design Institute Co., Ltd; **Zirui Xiang:** South China University of Technology; **LIN SHU:** South China University o

VP-LL-101: Exploring the Gratton and Proportion Congruency Effects in a Parity/Magnitude Task-Switching Paradigm: Implications for the Conflict-Driven Control Model

Presenting Author: Kaan Berk Taç, TOBB University of Economics and Technology

Kadriye Rüveyda ÖzTÜRK: TOBB University of Economics and Technology; **Kaan Berk Taç:** TOBB University of Economics and Technology; **Nart Bedin Atalay:** TOBB University of Economics and Technology

VP-LL-102: The effectiveness of virtual vs. human influencers in digital marketing: Based on perceived psychological distance and credibility

Presenting Author: Rongqin Liu, Southwestern University of Finance and Economics

Rongqin Liu: Southwestern University of Finance and Economics; **Yun Zhang:** Southwestern University of Finance and Economics; **Ling Lin:** Southwestern University of Finance and Economics

VP-LL-103: Investigating the Influence of Disfluencies and Gestures in Assessing Others' Knowledge: A Feelings of Another's Knowing (FOAK) Study

Presenting Author: Can Avcı, Koç University

Can Avcı: Koç University; **Terry Eskenazi:** Koc University; **Tilbe Göksun:** Koç University

VP-LL-104: Beyond Mediator Retrievals: Charting the Path by Which Errors Lead to Better Memory Consolidation

Presenting Author: Bridget Leonard, University of Washington

Bridget Leonard: University of Washington; **holly hake:** University of Washington; **Andrea Stocco:** University of Washington

VP-LL-105: The Role of Hand Gestures on Emotional Intensity and Phenomenological Ratings of Autobiographical Narratives

Presenting Author: İbrahim Akkan, Koç University

İbrahim akkan: Koç University; **Cagla Aydin:** Sabancı University; **Sami Gulgoz:** Koc University; **Tilbe Göksun:** Koç University

VP-LL-106: A Comparison of two memory models of attitude retrieval

Presenting Author: Mark Orr, Institute for Human and Machine Cognition

Mark G. Orr: Institute for Human and Machine Cognition; **Christian Lebriere:** Carnegie Mellong University; **Peter Pirolli:** Institute for human and machine cognition; **Don Morrison:** Carnegie Mellon University



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