



St. Julian's - March 17-22



The 18th Conference of the European Chapter  
of the Association for Computational Linguistics

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## Conference Information

### Message from the General Chair

Welcome to the 18th Conference of the European Chapter of the Association for Computational Linguistics. EACL is the flagship European conference dedicated to European and international researchers, covering a wide spectrum of research in Computational Linguistics and Natural Language Processing.

Organizing a scientific conference of the prestige and size of EACL is a great honor, a great responsibility, and a great challenge. The challenges started right at the beginning. When I accepted the invitation to be general chair, even after the program chairs Yvette Graham and Matt Purver accepted, we didn't know where the conference would be located. Eventually, we settled on Malta, a wonderful island in the Mediterranean with lovely weather in March. Well, putting it in March was the next challenge as the conference dates were moved backwards a couple of times, turning the entire organization of the conference into a race against time.

Another big challenge was the joint effort of all \*ACL 2024 conferences to streamline the review process by moving it completely to ACL Rolling Review. While there had been some attempts to integrate ARR into the conference reviewing process, 2024 will be the year where we see whether it actually works. I'd like to thank Yvette and Matt for being so brave to chair the first conference in 2024 adopting ARR only. I'd also like to thank the General Chairs of NAACL 2024 and ACL 2024, Katrin Erk and Claire Gardent, and their respective PC chairs to join the effort. Without the ARR team this could not have worked out, namely the ARR Editors in Chief, Mausam, Viviane Moreira, Vincent Ng, Lilja Øvreliid, Thamar Solorio, and Jun Suzuki were indispensable for making this happen.

For me it started all with Roberto Basili and Preslav Nakov, the 2023 and 2024 Presidents of EACL, asking me whether I'd like to serve as general chair for EACL 2024 – thanks for having trusted me to manage the organization of the conference. After Yvette Graham and Matt Purver accepted the role of PC chairs, I knew that I wouldn't have to worry anymore about the scientific program. A big thanks to Yvette and Matt! Behind the scenes Jennifer Rachford (ACL Event Manager) and her team, in particular Megan Haddad and Jon M. Dorsey, made the impossible happen. Jenn does what we scientists are not good at, and then a lot more. I don't know how we could have run EACL 2024 without her. Roberto Basili, Preslav Nakov, the EACL board, and David Yarowsky (ACL treasurer) provided me with information, advice and feedback whenever I needed it. A great thanks also goes to the EACL 2024 workshop chairs, Nafise Moosavi and Zeerak Talat! Because EACL is the first conference in 2024, they spearheaded the \*ACL joint call for workshop proposals. They worked with an extremely tight timeline, created a very interesting workshop program and had the organizers of 19 workshops under control. Very impressive, Nafise and Zeerak!

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A special thanks goes to Claudia Borg from the University of Malta. Claudia was instrumental for the success of the conference dealing with all sorts of local issues. She helped us selecting the venue, connected us with local event organizers, was part of the volunteer program, and made sure that visas were issued to participants who needed them. Claudia is great!

And then ...

- The tutorial chairs, Sharid Loaicga and Mohsen Mesgar, worked together with the tutorial chairs of all \*ACL conferences to review tutorial proposals and select some for EACL 2024.
- The demonstration chairs, Orphée de Clercq and Nikolaos Aletras, created the demo program for EACL 2024.
- The student research workshop chairs, Neele Falk, Sara Papi, and Mike Zhang, along with their faculty advisors Parisa Kordjamshidi and Steffen Eger, took care about the next generation of NLP researchers.
- The publication chairs, Gözde Gül Sahin and Danilo Croce, did a tremendous job in getting all the papers into a nice shape worthy of the European flagship conference in Computational Linguistics.
- The handbook chair, Marco Polignano, helped us to navigate through the program so that we wouldn't miss any interesting presentation.
- The sponsorship chairs, Daniel Dahlmeier and Pasquale Minervini, worked together with the ACL sponsorship director Chris Callison-Burch to make EACL 2024 the ends meet in economically challenging times.
- The diversity and inclusion chairs, Hanan Al Darmaki, Sabine Weber, and Maciej Ogrodniczuk, ensured that researchers who are not from the global north can join our conference, in person or virtually. They also kicked off an amazing set of D&I events at the conference.
- The publicity chairs, Miryam de Lhoneux, Sungho Jeon, and Yuval Pinter, spread the word – and also pictures – through social media platforms.
- The website chairs, Mladen Karan and Wei Zhao, created a beautiful webpage. They were super responsive. Thanks a lot for the good work!
- The local ambassador, Max Bartolo, provided us with information on Malta early on. Talk to him for food options, bars, excursions, fun stuff to do!
- The ethics chairs, Annemarie Friedrich and Anne Lauscher, helped us to solve difficult ethical issues with the papers.
- The student volunteer chairs, Claudia Borg, Desmond Elliott, and Juntao Yu, went through many applications, selected the student volunteers, and assigned them their tasks.
- The visa chairs Claudia Borg and Yufang Hou helped conference participants to obtain their visas.
- The Technical Infrastructure Chairs, Wei Liu and Sungho Jeon, enabled us to navigate through the program with ease via MiniConf and to discuss via Rocket.Chat.
- The entire program committee, senior area chairs, area chairs, reviewers, and best paper committee, was essential for ensuring our high-quality scientific program.
- We couldn't run our conference without our student volunteers. A big thanks to all of them!

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- Finally, I'd like to thank our invited speakers, Mirella Lapata and Hinrich Schütze, and the Karen Spärck Jones Award Winner 2023, Hongning Wang, for delivering inspiring keynote speeches.

The online side of our hybrid conference was provided by Underline (Sol Rosenberg, Damira Mrsic, and their team), who also provided us with support for managing the entire conference.

I would like to thank our sponsors for funding the conference, providing subsidies for students and financing the diversity and inclusion initiative.

Enjoy EACL 2024! Insellimkom,  
Michael Strube  
Heidelberg Institute for Theoretical Studies, Heidelberg, Germany  
EACL 2024 General Chair

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## Message from the Program Chairs

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Welcome to the 18th Conference of the European Chapter of the Association for Computational Linguistics (EACL) to take place in Malta. As with last year, the conference is being held in a hybrid mode, with both audiences and presenters able to attend online. Presentation videos, slides and posters will all be available online to make the experience as good as possible. However, we're very happy to see that most presenters in oral and poster sessions are opting to be there in-person, so we're looking forward to an interactive and exciting conference.

## Submission and Acceptance

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EACL 2024 was the first \*ACL Conference to accept all submissions via ACL Rolling Review (ARR). This brought some significant advantages: a consistent system across \*ACL conferences, as well as the experience and assistance of the ARR team, and of course the ability to revise and resubmit papers rather than just being rejected out of hand.

However, this change does make it somewhat more difficult to calculate acceptance rates. Most papers committed to EACL 2024 came from the ARR October 2023 cycle, and most papers in that cycle were intended for EACL 2024; but some EACL papers came from other ARR cycles; and some papers in the October 2023 cycle were intended for other, later conferences rather than EACL. Many authors indicated their target when submitting to ARR, but not all; and some change their minds.

In the end we opted for the following approach: we take the pool of potential candidates as being papers in the relevant ARR cycle that either selected EACL as a target, did not select any target conference, or selected another target conference but then committed to EACL anyway; together with papers from other ARR cycles that committed to EACL. We include those that withdrew after getting reviews, but not those that withdrew before or were desk-rejected.

In total, EACL 2024 ARR October cycle received 1,275 submissions, with a large portion (78%) being long as opposed to short papers. 52 papers were desk rejected for various reasons (e.g. breaching the ACL anonymity or multiple submission policy, significant formatting violations) and 17 were withdrawn by the authors before reviews were received. 474 papers then committed to EACL 2024, of which we accepted 226 to the main conference, and a further 163 to the Findings of the ACL. The pool of potential candidates as defined above numbered 1,114 papers, giving an overall acceptance rate of 20.3% to the main conference and 14.5% to Findings. This is comparable to other recent \*ACL conferences (EACL 2023 quoted 24.1% and 17.2% respectively), but it's hard to compare directly given such a significant change in the submission process. The conference programme also features three papers from the Transactions of the Association for Computational Linguistics (TACL) journal, and one from the Computational Linguistics (CL) journal.

## Presentation Mode

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From the resulting total of 230 papers accepted to the conference, we invited 144 to be presented orally, with the others presenting in poster sessions. We made the decision on which papers would be invited for oral poster presentations based on several factors: recommendations by Senior Area Chairs (SACs) and meta-reviewers about presentation mode and best paper prize potential, grouping of papers into thematic sessions, and confirmation from authors that they planned to attend the conference in person. For TACL and CL papers, the authors' preference of presentation mode was used.

Authors of papers accepted to the Findings of the ACL could opt to present a poster, and 113 (69%) chose to do so. We also gave oral paper presenters the option to present a poster, with 37 (25%) choosing to do so; this gave a total of 232 posters being presented at the conference. All oral sessions are being held as in-person plenary sessions (although with some online presenters), and all poster sessions are in-person except one fully virtual poster session.

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## Limitations Section

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As in EACL 2023, and now standard practice in ARR, we required inclusion of a Limitations section, including all major limitations of the work. As with past events, this is intended to discourage the practice of hyping conclusions drawn in work published at EACL, sticking to better scientific practice.

## Areas, Programme Committee Structure and Reviewing

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We divided submissions into 24 distinct areas and asked authors to choose the most appropriate area to submit their work to. The three areas to receive the largest number of submissions were NLP Applications, Resources and Evaluation, and Interpretability and Analysis of Models for NLP.

Senior members of the NLP community were directly invited to act as Senior Area Chair (SAC), with 2–3 SACs per area. Area Chairs (ACs) were then recruited partly from ARR’s existing pool, and partly invited directly by SACs to sign up to ARR for the October cycle so they could act as Area Chairs for EACL. In the ARR system, ACs assign themselves to areas and can specify a maximum load, ensuring that ACs can reduce the number of papers they are responsible for at appropriate times; this results in a higher number of ACs than is usual outside of the ARR system. In total, 485 ARR ACs signed up to the October cycle 2023, while a total of 5,854 reviewers indicated availability to review in ARR October cycle. Three reviewers and one AC were automatically assigned to each paper using ARR’s matching algorithm, based on reviewers’ past publications and the maximum load set by reviewers and ACs.

## Best Paper Awards

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Following ACL policy, we set up a committee to decide the Best Paper Awards. The committee was given 28 papers by the Program Chairs to consider, papers that were identified by at least one of the program committee, SAC, AC or Reviewer as a possible best paper. These papers were anonymized via black out of author information, links to code, and acknowledgements sections in the camera-ready papers. The selected best papers and runners up will be announced at the conference.

## Ethics Committee

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We also set up an ethics committee, so that papers flagged by reviewers or ACs as having potential ethical concerns could be sent for separate ethics review. A small number of papers were accepted conditional on final re-reviewing to check that outstanding concerns were dealt with in the final camera-ready paper; we’re happy to confirm that all such papers were accepted.

## Keynotes

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We are delighted to include 2 Keynote talks in the plenary sessions:

- Prof. Mirella Lapata: Prompting is *\*not\** all you need! Or why Structure and Representations still matter in NLP
- Prof. Hinrich Schütze: Quality Data for LLMs: Challenges and Opportunities for NLP

Furthermore, we include a lecture from the winner of this year’s Karen Spärck Jones Award:

- Prof. Hongning Wang: Human vs. Generative AI in Content Creation Competition: Symbiosis or Conflict?

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## Thank Yous

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EACL 2024 would not have happened without the help and support of the NLP community. So much of the event relies on voluntary efforts with people very generously giving their time and energy. We would like to acknowledge everyone involved, with a special thanks to:

- EACL 2024 General Chair, Michael Strube, for leading the overall conference organization and providing advice and support to the PCs and many others through the conference preparations;
- Our 56 Senior Area Chairs, who did a fantastic job of managing the review process for their individual areas;
- The 485 Area Chairs, who put in an enormous effort in as much as possible ensuring papers were given the best consideration by reviewers;
- All the reviewers, who very generously give up their time to this process;
- The Best Paper Award Committee, and especially the chair Barbara Plank, with the difficult task of choosing winners from the large number considered for this award;
- Our Ethics Committee, especially the chairs Annemarie Friedrich and Anne Lauscher, for diligently checking and maintaining the high ethical standards we strive for at \*ACL conferences;
- Publicity Chairs, Miryam de Lhoneux, Sungho Jeon and Yuval Pinter, and Website Chairs Mladen Karan and Wei Zhao, for managing our communications and fulfilling all requests sent so quickly;
- Publications Chairs, Danilo Croce and Gözde Gül Şahin, and Handbook Chair Marco Polignano, for the many hours dedicated to producing our fine proceedings and handbook;
- Jordan Zhang for invaluable assistance with building the conference schedule;
- The ARR team, particularly Thamar Solorio, Lilja Øvrelid and Harold Rubio, for so much support and advice during the review process;
- Damira Mršić from Underline and the ACL's Jennifer Rachford for their huge efforts to make EACL a success both online and on-site.

Overall, everyone we came into contact with during the process was exceptionally professional and great to work with, thank you all for this, it is so important!

We're looking forward to a great EACL 2024, we hope you enjoy it and we look forward to seeing you there.

Yvette Graham (Trinity College Dublin)  
Matthew Purver (Queen Mary University of London & Jožef Stefan Institute)  
EACL 2024 Programme Committee Co-Chairs

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## Message from the Local Chair

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Dear EACL2024 Participants,

It is with immense joy that I welcome you to the EACL2024 conference, held in the heart of the Mediterranean - Malta, an island nation celebrated for its vibrant diversity and intricate history.

We are brought together by a common passion, that of processing language. We are in a privileged position to understand the power of language, that of connecting people. But one of the most fascinating aspects of human language is its diversity. Take Maltese as an example: a Semitic language, written in Latin script, with mixed influences from Arabic, Italian and English. Since becoming an official European language, Maltese has been given more visibility, facilitating the creation of digital resources. Yet it is still a low-resource language, ranking lowest amongst all official EU languages.

In the era of LLMs and GPUs, the opportunity to work with a low-resource language like Maltese is not just about finding creative ways of processing the language, but becomes an interesting dive into its roots and understanding how history shaped it over time. It goes beyond racing for better accuracy and F1 scores. Instead, we try to find ways of connecting the language of today with the roots of its past.

As we embark on this exciting week, I invite you to immerse yourself not only in the groundbreaking research and discussions but also in the rich tapestry of Maltese culture and language. Let the diversity of Malta inspire you, spark your curiosity, and enrich your experience during your stay.

I extend my heartfelt gratitude to the local organization team, particularly Stephanie Abela Tickle and her colleagues at Meet360. Their dedication and hard work have been pivotal in bringing this conference to life. I also thank my colleagues and students at the University of Malta for their steering work.

In closing, I hope that EACL2024 will be a source of inspiration and collaboration for all.

*Merħba f' Malta!*

Claudia Borg  
University of Malta

Local Chair, EACL 2024

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# **Organizing Committee**

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## **General Chair**

Michael Strube, Heidelberg Institute for Theoretical Studies

## **Program Chairs**

Yvette Graham, Trinity College Dublin

Matthew Purver, Queen Mary University of London & Jožef Stefan Institute

## **Workshop Chairs**

Nafise Moosavi, University of Sheffield  
Zeerak Talat, Simon Fraser University

## **Tutorial Chairs**

Sharid Loáiciga, University of Gothenburg

Mohsen Mesgar, Bosch Center for Artificial Intelligence

## **Demonstration Chairs**

Nikolaos Aletras, University of Sheffield  
Orphee de Clercq, Ghent University

## **Student Research Workshop Chairs**

Neele Falk, University of Stuttgart

Sara Papi, University of Trento & Fondazione Bruno Kessler

Mike Zhang, IT University Copenhagen

## **Faculty Advisors to Student Research Workshop Chairs**

Steffen Eger, University of Bielefeld

Parisa Kordjamshidi, Michigan State University

## **Publication Chairs**

Danilo Croce, University of Rome Tor Vergata

Gözde Gül Şahin, Koç University

## **Handbook Chair**

Marco Polignano, University of Bari Aldo Moro

## **Sponsorship Chairs**

Daniel Dahlmeier, SAP

Pasquale Minervini, University of Edinburgh

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### **Diversity and Inclusion Chairs**

Hanan Al Darmaki, MBZUAI

Maciej Ogrodniczuk, Institute of Computer Science, Polish Academy of Sciences

Sabine Weber, VDI/VDE Innovation

### **Publicity Chairs**

Miryam de Lhoneux, KU Leuven

Sungho Jeon, Heidelberg Institute for Theoretical Studies

Yuval Pinter, Ben-Gurion University of the Negev

### **Website Chairs**

Mladen Karan, Queen Mary University of London

Wei Zhao, University of Aberdeen

### **Local Chair**

Claudia Borg, University of Malta

### **Local Ambassador**

Max Bartolo, Cohere

### **Ethics Chairs**

Annemarie Friedrich, University of Augsburg

Anne Lauscher, University of Hamburg

### **Student Volunteer Chairs**

Claudia Borg, University of Malta

Desmond Elliott, University of Copenhagen

Juntao Yu, Queen Mary University of London

### **Visa Chairs**

Claudia Borg, University of Malta

Yufang Hou, IBM Research Ireland

Megan Haddad, ACL Office

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## **Senior Program Committee**

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### **Discourse and Pragmatics**

Yulia Grishina, Amazon Development Center Germany  
Junyi Jessy Li, University of Texas, Austin

### **Computational Social Science and Cultural Analytics**

Arkaitz Zubiaga, Queen Mary University of London  
Chloé Clavel, Télécom ParisTech and Télécom Paris

### **Dialogue and Interactive Systems**

Milica Gasic, Heinrich Heine University Duesseldorf  
David Traum, University of Southern California

### **Summarization**

Maria Liakata, Queen Mary University London  
Mohit Bansal, University of North Carolina at Chapel Hill

### **Generation**

Shujian Huang, Nanjing University  
Angela Fan, Facebook  
Marco Guerini, Fondazione Bruno Kessler

### **Ethics and NLP**

Saif M. Mohammad, National Research Council Canada  
Cagri Coltekin, University of Tuebingen  
Kai-Wei Chang, University of California

### **Efficient/Low-resource methods in NLP**

Dirk Hovy, Bocconi University  
Roi Reichart, Technion, Israel Institute of Technology

### **Information Extraction**

Qipeng Guo, Shanghai AI Laboratory  
Rodrigo Agerri, University of the Basque Country

### **Information Retrieval and Text Mining**

Zhiyuan Liu, Tsinghua University  
Sophia Ananiadou, University of Manchester  
Eugene Agichtein, Amazon and Emory University

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## **Interpretability and Model Analysis in NLP**

Dieuwke Hupkes, Facebook

Elena Voita, FAIR at Meta AI and University of Amsterdam

## **Resources and Evaluation**

Valerio Basile, University of Turin

Joel R. Tetreault, Dataminr

## **Speech and Multimodality**

Pierre Lison, Norwegian Computing Center

Boyang Li, Nanyang Technological University

## **Language Grounding to Vision, Robotics and Beyond**

Gabriel Skantze, KTH Royal Institute of Technology

Yonatan Bisk, Meta and Carnegie Mellon University

## **Linguistic Theories, Cognitive Modeling and Psycholinguistics**

Raquel Fernández, University of Amsterdam

Emily Prud'hommeaux, Boston College

## **Machine Learning for NLP**

Isabelle Augenstein, University of Copenhagen

Nikolaos Pappas, AWS AI Labs

Colin Cherry, Google

## **Machine Translation**

François Yvon, Université Pierre et Marie Curie

Philipp Koehn, Johns Hopkins University

## **Multilinguality and Language Diversity**

Goran Glavaš, Julius-Maximilians-Universität Würzburg

Steven Bird, Charles Darwin University

Yang Feng, Institute of Computing Technology, Chinese Academy of Sciences

## **NLP Applications**

Diarmuid Ó Séaghdha, Apple

Karin Verspoor, Royal Melbourne Institute of Technology

Shuai Wang, Amazon

## **Question Answering**

Alessandro Moschitti, Amazon Alexa AI

Yansong Feng, Peking University

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Wenpeng Yin, Pennsylvania State University

**Semantics - Lexical**

Jose Camacho-Collados, Cardiff University  
Chris Brew, Lexis Nexis

**Semantics - Sentence-level Semantics, Textual Inference and other areas**

Gülşen Eryiğit, Istanbul Technical University  
Tushar Khot, Allen Institute for Artificial Intelligence

**Sentiment Analysis, Stylistic Analysis and Argument Mining**

Xuanjing Huang, Fudan University  
David Vilares, Universidade da Coruña

**Phonology, Morphology, and Word Segmentation**

Ryan Cotterell, Swiss Federal Institute of Technology  
Francis M. Tyers, Indiana University

**Syntax - Tagging, Chunking and Parsing**

Bernd Bohnet, Google Deep Mind  
Miryam De Lhoneux, KU Leuven

## **Conference Organizers & Vendors**

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On behalf of the ACL/EACL I would like to thank Claudia Borg for the Malta recommendation and Bid along with Stephania Abela Tickle from Meet 360 Events for all her help and support with contracting the venue and vendors.

### **ACL Onsite Team**

Megan Haddad, Event Assistant  
Sally Stevenson, Support Staff

### **Underline Staff**

Damira Mrsic  
Borna Bevanda  
Mateo Antonic  
Rafael-Leopold Grabovic

### **Lee Hartman & Sons**

Jon Dorsey, AV Director  
Trevor Laffoon, AV Tech

### **Studio 7, AV Equipment, Posters, & Exhibitor Supplies**

### **Radisson Blu Corinthia St. George's Bay**

Thank you to the entire Committee for Volunteering their hard work and time to make this conference possible.

Sincerely,  
Jennifer Rachford  
ACL Director of Events/Business Manager

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## **Anti-Harassment Policy**

EACL2024 adheres to the ACL's code of ethics, ACL's anti-harassment policy, and ACL's code of conduct. Violations of the code of ethics as well as complaints raised under the anti-harassment policy should be brought to the Professional Conduct Committee, who can be reached during the conference via the PCC channel in RocketChat, or you may also contact any current member of the EACL Executive Board. Please be assured that if you approach the PCC or EACL board members, your concerns will be kept in strict confidence, and we will consult with you on any actions taken.

Shortcuts:

- **ACL's code of ethics:**  
<https://www.aclweb.org/portal/content/acl-code-ethics>
- **ACL's anti-harassment policy:**  
[https://www.aclweb.org/adminwiki/index.php?title=Anti-Harassment\\_Policy](https://www.aclweb.org/adminwiki/index.php?title=Anti-Harassment_Policy)
- **ACL's code of conduct:**  
<https://2024.eacl.org/code/>
- **Professional Conduct Committee:**  
[https://www.aclweb.org/adminwiki/index.php?title=Professional\\_Conduct\\_Committee](https://www.aclweb.org/adminwiki/index.php?title=Professional_Conduct_Committee)
- **EACL Executive Board:**  
<https://eacl.org/general/#officers>

## Ethics Policy

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EACL 2024 adheres to the ACM's code of ethics, the preamble of which is given below. Computing professionals' actions change the world. To act responsibly, they should reflect upon the wider impacts of their work, consistently supporting the public good. The ACM Code of Ethics and Professional Conduct ("the Code") expresses the conscience of the profession. The Code is designed to inspire and guide the ethical conduct of all computing professionals, including current and aspiring practitioners, instructors, students, influencers, and anyone who uses computing technology in an impactful way. Additionally, the Code serves as a basis for remediation when violations occur. The Code includes principles formulated as statements of responsibility, based on the understanding that the public good is always the primary consideration. Each principle is supplemented by guidelines, which provide explanations to assist computing professionals in understanding and applying the principle. Section 1 outlines fundamental ethical principles that form the basis for the remainder of the Code. Section 2 addresses additional, more specific considerations of professional responsibility. Section 3 guides individuals who have a leadership role, whether in the workplace or in a volunteer professional capacity. Commitment to ethical conduct is required of every ACM member, ACM SIG member, ACM award recipient, and ACM SIG award recipient. Principles involving compliance with the Code are given in Section 4. The Code as a whole is concerned with how fundamental ethical principles apply to a computing professional's conduct. The Code is not an algorithm for solving ethical problems; rather it serves as a basis for ethical decision-making. When thinking through a particular issue, a computing professional may find that multiple principles should be taken into account, and that different principles will have different relevance to the issue. Questions related to these kinds of issues can best be answered by thoughtful consideration of the fundamental ethical principles, understanding that the public good is the paramount consideration. The entire computing profession benefits when the ethical decision-making process is accountable to and transparent to all stakeholders. Open discussions about ethical issues promote this accountability and transparency.

The full policy is available at: <https://www.acm.org/code-of-ethics>



## **Meal Info**

### **Overview**

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#### **Breakfast**

*Mar 18 - Mar 22*

For those who booked inside the EACL Room Block Breakfast is included. Please check with hotel for hours of operation.

For those who booked outside the block check with the hotel for options.

#### **Breaks**

*Mar 18 - Mar 22*

AM & PM Coffee Breaks See details agenda for times  
Located in the Radisson Blu Kontiki Level 1

#### **Lunch**

*Mar 18 - 20*

Lunch is included - Located at the Radisson Blu Kontiki Level 1  
See detailed agenda for times

*Mar 21 - 22 - On your own*

#### **Dinner**

*Mar 18, 20, 21, 22 - On your own*

#### **Social Events**

*Mar 17, 18:00 - 20:30 - Welcome Reception*

*Mar 19, 19:00 - 22:00 - Social Event Dinner (Doors open at 18:30)*

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Our primary goal for EACL 2024 is to make it an exceptional annual meeting. We want this conference to be remembered not just for the outstanding lineup of speakers and the impressive conference venue but also for the vibrant Social Programs for our Full Conference Attendees. Our aim is to provide an

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experience that goes beyond the academic sessions, ensuring that every delegate gets a taste of the best we have to offer. Allow us to provide you with a detailed glimpse into the exciting activities and events that we have in store to enhance networking opportunities and foster a strong sense of community among participants.

## Hotel Restaurants

**Hotel Venue Food Options**

MARINA HOTEL  
CORINTHIA BEACH RESORT  
MALTA

CORINTHIA  
ST GEORGE'S BAY  
MALTA

Radisson Blu  
RESORT ST JULIAN'S

OUR F&B EXPERIENCE

The map illustrates the following food and beverage options:

- CAFÉ 24**
- Don Keyhole**
- HENRY LEAVENS BAR & GRILL**
- OASIS**
- FRA MARTINO**
- WET BAR & GRILL**
- BAYVIEW RESTAURANT**
- SUSURRUS**
- CAVIAR & BULLA**
- white olive**
- BROADSIDE TERRACE**
- THE EDGE RESTAURANT**
- Le Café & Pearl Lounge**
- BRIDGE**
- LE BISTRO**
- KON TIKI**

● Interconnecting Gates

4

## Welcome Reception



### Welcome Reception - Sunday 17th, March, 2024

To set the stage for an incredible conference experience, we will commence with a grand Welcome Reception. This event will serve as a warm and inviting gathering where delegates can connect with fellow attendees, distinguished speakers, and the dedicated organizers. It will provide an informal and friendly atmosphere for participants to socialize, exchange ideas, and build new professional relationships right from the start.

Venue: **Radisson Blu St. Julian's Malta**

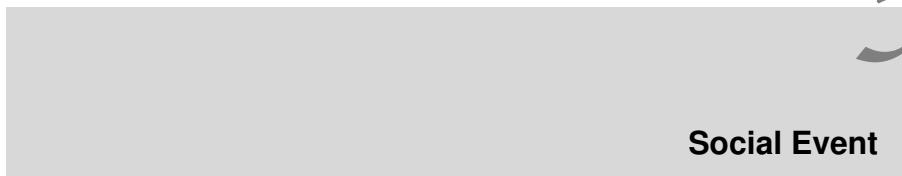
Time: **18.00 - 20.30**

Dress code: **Smart Casual**

Full Conference Registration required to attend. Guest tickets can be purchased, see onsite registration solutions or you can add to your conference registration.

Conf. Badge required for entrance - Drink tickets will be in the badge holder when you collect your conference badge at check in.

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### **Conference Social Dinner - Tuesday 19th, March, 2024**

Undoubtedly, one of the most highly anticipated events is our Social Event. Captivating venue, Food stations with scrumptious culinary delights, accompanied by live local entertainment and followed with a DJ and Dancing. The night promises to captivate and engage. This evening will serve as the perfect setting to celebrate the achievements of the conference and create lasting memories in the company of esteemed colleagues and newfound friends.

Venue: **Corinthia St. George Bay Hotel, St. Julian's Malta**

Time: **18:30** - Doors Open

**19.00 - 22.00** - Dinner, Entertainment and Dancing

Dress code: **Casual**

Full Conference Registration required to attend. Guest tickets can be purchased, see onsite registration solutions or you can add to your conference registration.

Conf. Badge required for entrance - Drink tickets will be given at the Social Event check tables.

# 6

**Invited Talks**

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## Quality Data for LLMs: Challenges and Opportunities for NLP

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### Hinrich Schütze

Center for Information and Language Processing, LMU Munich

**Tuesday, March 19, 2024 – Time: from 09:00 to 10:00 – Room: Radisson**

**Abstract:** That the recent LLM breakthroughs are solely due to scaling is a myth. Many difficult research problems had to be solved to make models like GPT4 and Mixtral possible. One of those difficult research problems is data quality. Data quality is a great challenge for NLP researchers with many opportunities for innovation and impact on current generative AI developments. I will focus on two examples in my talk: quality data for training a highly multilingual language model and quality data for instruction tuning.

**Bio:** Hinrich Schütze is Professor at the Center for Information and Language Processing at LMU Munich. His lab is engaged in research on multilinguality, representation learning and linguistic analysis of NLP models. His research has been funded by NSF, the German National Science Foundation and the European Research Council (ERC Advanced Grant), inter alia. Hinrich is coauthor of two well-known textbooks (*Foundations of Statistical Natural Language Processing* and *Introduction to Information Retrieval*), a fellow of HessianAI, ELLIS (the European Laboratory for Learning and Intelligent Systems) and ACL (Association for Computational Linguistics) and (co-)awardee of several best paper awards and the ACL 2023 25-year test of time award.

## Prompting is \*not\* all you need! Or why Structure and Representations still matter in NLP

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**Mirella Lapata**

School of Informatics, University of Edinburgh

**Wed, March 20, 2024 – Time: from 14:45 to 15:45 – Room: Radisson**

**Abstract:** Recent years have witnessed the rise of increasingly larger and more sophisticated language models (LMs) capable of performing every task imaginable, sometimes at (super)human level. In this talk, I will argue that there is still space for specialist models in today's NLP landscape. Such models can be dramatically more efficient, inclusive, and explainable. I will focus on two examples, opinion summarization and crosslingual semantic parsing and show how these two seemingly unrelated tasks can be addressed by explicitly learning task-specific representations. I will show how such representations can be further structured to allow search and retrieval, evidence-based generation, and cross-lingual alignment. Finally, I will discuss why we need to use LLMs for what they are good at and remove the need for them to do things that can be done much better by smaller models.

**Bio:** Mirella Lapata is professor of natural language processing in the School of Informatics at the University of Edinburgh. Her research focuses on getting computers to understand, reason with, and generate natural language. She is the first recipient (2009) of the British Computer Society and Information Retrieval Specialist Group (BCS/IRSG) Karen Spärck Jones award and a Fellow of the Royal Society of Edinburgh, the ACL, and Academia Europaea. Mirella has also received best paper awards in leading NLP conferences and has served on the editorial boards of the Journal of Artificial Intelligence Research, the Transactions of the ACL, and Computational Linguistics. She was president of SIGDAT (the group that organizes EMNLP) in 2018. She has been awarded an ERC consolidator grant, a Royal Society Wolfson Research Merit Award, and a UKRI Turing AI World-Leading Researcher Fellowship.

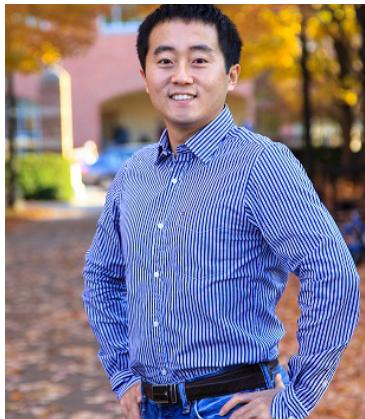
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7

**Karen Spärck Jones Award Lecture**

## **Human vs. Generative AI in Content Creation Competition: Symbiosis or Conflict?**

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**Hongning Wang**

Department of Computer Science and Technology, Tsinghua University

**Mon, March 18, 2024 – Time: from 09:30 to 10:30 – Room: Radisson**

**Abstract:** The advent of generative AI technology produces transformative impact on the content creation landscape, offering alternative approaches to produce diverse, good-quality content across media, thereby reshaping the ecosystems of online content creation and publishing, but also raising concerns about market over-saturation and the potential marginalization of human creativity. Our recent work introduces a competition model generalized from the Tullock contest to analyze the tension between human creators and generative AI. Our theory and simulations suggest that despite challenges, a stable equilibrium between human and AI-generated content is possible. Our work contributes to understanding the competitive dynamics in the content creation industry, offering insights into the future interplay between human creativity and technological advancements in generative AI.

**Bio:** Dr. Hongning Wang is now an associate professor at the Department of Computer Science and Technology at Tsinghua University. Prior to that, he was the Copenhagen Associate Professor in the Department of Computer Science at the University of Virginia. He received his PhD degree in computer science at the University of Illinois at Champaign-Urbana in 2014. His research generally lies in the intersection among machine learning and information retrieval, with a special focus on sequential decision optimization and computational user modeling. His work has generated over 100 research papers in top venues in data mining and information retrieval areas. He is a recipient of 2016 National Science Foundation CAREER Award, 2020 Google Faculty Research Award, and SIGIR'2019 Best Paper Award.

# 8

## Main Conference Overview

### **Registration, Welcome Reception Day**

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**Sunday, March 17, 2024**

#### **Registration & Welcome Receptions (Radisson Blu Hotel)**

13:00 - 20:30      Registration (Radisson Lobby - Level 2)  
18:00 - 20:30      Welcome Reception (Radisson Kontini Terrace Level 1)

## Day 1 Main Conference

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Monday, March 18, 2024

### Main Conference Day 1 Overview (Radisson Blu Hotel)

Check the latest program updates online: <https://2024.eacl.org/program/main/>

07:30 - 17:00	Registration (Radisson Lobby - Level 2)
09:00 - 10:30	Session 1: Opening Session (Radisson Ballroom Level 2) 09:00 - Opening Remarks & Presidential Address 09:30 - <b>Karen Spärck Jones Award Lecture - Dr. Hongning Wang “Human vs. Generative AI in Content Creation Competition: Symbiosis or Conflict?”</b>
10:30 - 11:00	Coffee break/Exhibits (Kontiki Restaurant - Level 1)
11:00 - 12:30	Session 2: Oral Presentation
Machine Learning for NLP Carlson Ballroom (Level 5)	Factual Content in NLP Marie Louise 1 (Level 7)
Dialogue and Interactive Systems Marie Louise 2 (Level 7)	
BoF / Affinity Groups - See detailed online agenda	(Reading Ballroom (Level 3))

12:30 - 14:00 Lunch break (Kontiki Restaurant - Level 1)

14:00 - 15:30 Session 3: Oral Presentations, Posters & Demo's

Efficient/Low-resource methods in NLP Carlson Ballroom (Level 5)	Discourse and Syntactic Parsing Marie Louise 1 (Level 7)
Multimodality and Language Grounding to Vision, Robotics and Beyond Marie Louise 2 (Level 7)	Posters, Demos Radisson Ballroom (Level 2)
BoF / Affinity Groups - See detailed online agenda (Reading Ballroom (Level 3))	

15:30 - 16:00 Coffee break (Kontiki Restaurant - Level 1)

16:00 - 17:30 Session 4 Oral Presentations, Posters & Demo's

Information Extraction Carlson Ballroom (Level 5)	Linguistic Theory and Insights Marie Louise 1 (Level 7)
Opinion, Sentiment and Emotion Marie Louise 2 (Level 7)	Posters, Demos Radisson Ballroom (Level 2)
BoF / Affinity Groups - See detailed online agenda (Reading Ballroom (Level 3))	

## Day 2 Main Conference

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**Tuesday, March 19, 2024**

### **Main Conference Day 2 Overview (Radisson Blu Hotel)**

*Check the latest program updates online: <https://2024.eacl.org/program/main/>*

*08:30 - 17:00      Registration (Radisson Lobby - Level 2)*

*09:00 - 10:00      Session 5: Keynote - Hinrich Schütze: “Quality Data for LLMs: Challenges and Opportunities for NLP” (Radisson Ballroom Level 2)*

*10:00 - 10:30      Coffee break (Kontiki Restaurant - Level 1)*

*10:30 - 12:00      Session 6: Oral Presentations, Posters & Demo's*

Sentence-level Semantics Carlson Ballroom (Level 5)	Multilingual Issues Marie Louise 1 (Level 7)
NLP Applications Marie Louise 2 (Level 7)	
BoF / Affinity Groups - See detailed online agenda (Reading Ballroom (Level 3))	

*12:00 - 13:00      Lunch break (Kontiki Restaurant - Level 1)*

*13:00 - 13:45      Business Meeting (Carlson Ballroom - Level 5)  
Virtual Poster Session A (online in Gathertown)*

*14:00 - 15:30      Session 7: Oral Presentations, Posters & Demo's*

Question Answering Carlson Ballroom (Level 5)	Multilinguality and Language Diversity Marie Louise 1 (Level 7)
Generation Marie Louise 2 (Level 7)	
BoF / Affinity Groups - See detailed online agenda (Reading Ballroom (Level 3))	

*15:30 - 16:00      Coffee break (Kontiki Restaurant - Level 1)*

*16:00 - 17:30      Session 8: Oral Presentations, Posters & Demo's*

Information Retrieval and Text Mining Carlson Ballroom (Level 5)	Multilinguality and Language Diversity Marie Louise 1 (Level 7)
Summarization Marie Louise 2 (Level 7)	Posters, Demos Radisson Ballroom (Level 2)
Student Research Workshop - Oral Sessions and Awards (Reading Ballroom (Level 3))	

*19:00 - 22:00      Social Event (Corinthia St. George's Bay Hotel - Ballroom Level & Poolside)*

*18:30 - Doors Open for Check-in*

*19:00 - Dinner Stations Open Enjoy the night*

## Day 3 Main Conference

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Wednesday, March 20, 2024

### Main Conference Day 3 Overview (Radisson Blu Hotel)

Check the latest program updates online: <https://2024.eacl.org/program/main/>

08:30 - 17:00 Registration (Radisson Lobby - Level 2)

09:00 - 10:30 Session 9: Oral Presentations, Posters & Demo's

Ethics and NLP Carlson Ballroom (Level 5)	Machine Translation Marie Louise 1 (Level 7)
Semantics and Applications Marie Louise 2 (Level 7)	Posters, Demos Radisson Ballroom (Level 2)
BoF / Affinity Groups - See detailed online agenda (Reading Ballroom (Level 3))	

10:30 - 11:00 Coffee break (Kontiki Restaurant - Level 1)

11:00 - 12:30 Session 10: Oral Presentation

Interpretability and Model Analysis in NLP Carlson Ballroom (Level 5)	Resources and Evaluation Marie Louise 1 (Level 7)
Computational Social Science and Cultural Analytics Marie Louise 2 (Level 7)	Posters, Demos Radisson Ballroom (Level 2)
BoF / Affinity Groups - See detailed online agenda (Reading Ballroom (Level 3))	

12:30 - 14:00 Lunch break (Kontiki Restaurant - Level 1)

14:00 - 15:45 Session 11 Panel & Keynote 3 (Radisson Ballroom Level 2)

14:00 - Virtual Poster Session B (online in Gathertown)

14:45 - **Keynote - Mirella Lapata: "Prompting is not all you need! Or why Structure and Representations still matter in NLP"**

15:45 - 16:15 Coffee break (Kontiki Restaurant - Level 1)

16:15 - 17:30 Session 12: Closing Session (Radisson Ballroom Level 2)

16:15 - Best Paper Award

17:00 - Closing Remarks & Upcoming Conference Announcements

## Day 4 Tutorials & Workshops

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**Thursday, March 21, 2024**

### Tutorial & Workshops Overview

*Check the latest program updates online: <https://2024.eacl.org/program/main/>*

#### **Radisson Blu Hotel**

##### *General*

08:30 - 17:00	Registration (Radisson Lobby - Level 2)
10:30 - 11:00	Coffee Break located outside Meeting Room
15:30 - 16:00	Coffee Break located outside Meeting Room

##### *Tutorials*

09:00 - 12:30 T5 - Language + Molecules Radisson Ballroom (Level 2)	14:00 - 17:30 T1 - Transformer-specific Interpretability Radisson Ballroom (Level 2)
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*Workshops - For Detailed Workshop Schedules go to Workshop Online Schedule*

W#2 - CLPsych Carlson Ballroom (Level 5)	W#3 - LTEDI Marie Louise 1 (Level 7)
W#4 - SCI-CHAT Marie Louise 2 (Level 7)	W#1 - Codi Reading Ballroom (Level 3)

#### **Corinthia St. George's Bay Hotel**

##### *General*

08:00 - 17:00	Registration (Conference Center Registration Desk - Level 0)
10:30 - 11:00	Coffee Break located outside Meeting Room
15:30 - 16:00	Coffee Break located outside Meeting Room

##### *Tutorials*

09:00 - 12:30 T4 - Item Response Theory for Natural Language Processing Fortress 2 Ballroom (Level -1)	14:00 - 17:30 T2 - LLMs for Low Resource Languages in Multilingual, Multimodal and Dialectal Settings Fortress 2 Ballroom (Level -1)
09:00 - 17:30 T3 - Computational Modeling of Semantic Change - Fortress 1 Ballroom (Level -1)	

*Workshops - For Detailed Workshop Schedules go to Workshop Online Schedule*

W#5 - UnImplicit Bastion 1 (Level -1)	W#6 - MOOMIN Bastion 2 (Level -1)
W#7 - CALD-pseudo Gardjola 3 (Level -1)	W#8 - Computel-7 Gardjola 1 & 2 Ballroom (Level -1)

## **Day 5 Workshops**

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**Friday, March 22, 2024**

### **Workshops Overview**

*Check the latest program updates online: <https://2024.eacl.org/program/main/>*

#### **Radisson Blu Hotel**

*General*

08:30 - 17:00	Registration (Radisson Lobby - Level 2)
10:30 - 11:00	Coffee Break located outside Meeting Room
15:30 - 16:00	Coffee Break located outside Meeting Room

*Workshops - For Detailed Workshop Schedules go to Workshop Online Schedule*

W#13 - PERSONALIZE Carlson Ballroom (Level 5)	W#12 - SIGTYP Marie Louise 1 Ballroom (Level 7)
W#14 - LAW-XVIII Marie Louise 2 Ballroom (Level 7)	W#11 - CASE Reading Ballroom (Level 3)
W#9 - WNUT Radisson Ballroom (Level 2)	W#10 - LaTeCH-CLFL Claremont Ballroom (Level 2)

#### **Corinthia St. George's Bay Hotel**

*General*

08:00 - 17:00	Registration (Conference Center Registration Desk - Level 0)
10:30 - 11:00	Coffee Break located outside Meeting Room
15:30 - 16:00	Coffee Break located outside Meeting Room

*Workshops - For Detailed Workshop Schedules go to Workshop Online Schedule*

W#8 - Computel-7 Gardjola 1 & 2 Ballroom (Level -1)	W#15 - TEICAI Bastion 1 Ballroom (Level -1)
W#16 - UncertaiNLP Bastion 2 Ballroom (Level -1)	W#17 - NLP4HR Gardjola 3 Ballroom (Level -1)
W#18 - SCALE-LLM Fortress 1 Ballroom (Level -1)	W#19 - DravidianLangTech Fortress 2 Ballroom (Level -1)

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**Program Overview by Hotel**



## **Radisson Schedule of events**

Date	Registration	Welcome Reception	Main Conf	Tutorial 9-12:30 / 14-17:30	Workshops See Workshop Schedule
17-Mar	13:00 - 20:30	18:00 - 20:30			
18-Mar	07:00 - 17:00		09:00 - 17:30		
19-Mar	08:00 - 17:00		09:00 - 17:30		
20-Mar	08:00 - 17:00		09:00 - 17:00		
21-Mar	08:00 - 17:00			T# 5 / T# 1	W# 1/ W#2 W# 3/ W#4
22-Mar	08:00 - 17:00				W# 9/ W#10 / W# 11 W#12 /W# 13/ W#14



## **Corinthia Schedule of events**

Date	Registration	Social Event	Tutorials 9-12:30/14-17:30	Workshops See Workshop Schedule
17-Mar	13:00 - 20:30	18:00 - 20:30		
19-Mar	08:00 - 17:00			
21-Mar	08:00 - 17:00		T# 3 / T# 2 T# 4 / T# 4	W# 5/ W#6 W# 7/ W#8
22-Mar	08:00 - 17:00			W# 15/ W#16 W#17 /W# 18 W#19

# 10

**Tutorials**

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## Computational Modeling of Semantic Change

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Pierluigi Cassotti, Francesco Periti, Stefano De Pascale, Haim Dubossarsky and Nina Tahmasebi

<https://www.changeiskey.org/event/2024-eacl-tutorial/>

Venue: Corinthia Hotel - Fortress 1  
**Thursday, March 21, 2024 - from 09:00 to 17:30**

This tutorial provides an overview of current approaches, problems and challenges in the detection of lexical semantic change. At its core, computational modelling of semantic change consists of the following: (i) Modelling word meaning, typically using unsupervised methods applied to diachronic corpora; (ii) modelling meaning change, based on the results of the above; and evaluation. The tutorial will provide an introduction to lexical semantic change and an overview of the resources available (corpora, pre-trained diachronic models and data sets). We will highlight issues related to the creation and use of diachronic corpora and different procedures for annotating data. We will then present the current state of the art in automatic detection of LSC, provide a hands-on section on available systems and tools, and open the floor for discussion on possible applications.

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# Item Response Theory for Natural Language Processing

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João Sedoc, John P. Lalor, Pedro Rodriguez and Jose Hernandez-Orallo

<https://eacl2024irt.github.io/>

Venue: Corinthia Hotel - Fortress 2

**Thursday, March 21, 2024 - from 09:00 to 12:30**

This tutorial will introduce the NLP community to Item Response Theory (IRT). IRT is a method from the field of psychometrics for model and dataset assessment. IRT has been used for decades to build test sets for human subjects and estimate latent characteristics of dataset examples. Recently, there has been an up tick in work applying IRT to tasks in NLP. It is our goal to introduce the wider NLP community to IRT and show its benefits for a number of NLP tasks. From this tutorial, we hope to encourage wider adoption of IRT among NLP researchers. As NLP models improve in performance and increase in complexity, new methods for evaluation are needed to appropriately evaluate performance improvements. In addition, data quality continues to be important. Models exploitation of annotation artifacts, annotation errors, and a misalignment between models and dataset difficulty can hinder an appropriate assessment of model performance. As models reach and exceed human performance on certain tasks, it gets more difficult to distinguish between improvements and innovations and changes in scores due to chance. In this three-hour, introductory tutorial, we will review the current state of evaluation in NLP, then introduce IRT as a tool for NLP researchers to use when evaluating their data and models. We will also introduce and demonstrate the py-irt Python package for IRT model-fitting to help encourage adoption and facilitate IRT use. While this methodology has been applied successfully to NLP applications, further community exposure specifically for graduate students may provide a new methodological perspective. We aim to make the tutorial interactive with hands-on Jupyter notebooks which will give concrete simple examples.

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## Outline:

1. Evaluation in NLP
2. Introduction to IRT
  - (a) Defining IRT Models
  - (b) IRT Model Fitting
  - (c) Introduction to py-irt
3. IRT in NLP
  - (a) Building Test Sets
    - i. Model Evaluation
    - ii. Chatbot Evaluation
  - (b) Training Dynamics
    - i. Example Mining
    - ii. Curriculum Learning
  - (c) Model and Data Evaluation
    - i. Rethinking Leaderboards
    - ii. Features Related to Difficulty
4. Advanced Topics and Opportunities for Future Work

# Language + Molecules

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Carl Edwards, Qingyun Wang and Heng Ji

<https://language-plus-molecules.github.io/posts/tutorial/>

Venue: Radisson Hotel - Radisson  
**Thursday, March 21, 2024 - from 09:00 to 12:30**

Join us for this introductory tutorial targeted at NLP researchers with no knowledge of chemistry as we explore cutting-edge new work in the integration of molecules and natural language, with exciting applications such as developing new drugs, materials, and chemical processes. Climate change, access to food and water, pandemics these words, when uttered, immediately summon to mind global challenges with possible disastrous outcomes. Molecular solutions will be critical to addressing these global problems on scales of complexity never-before-seen. However, they exist in extremely large search spaces, which makes AI tools a necessity. Excitingly, the chemistry field is posed to be substantially accelerated via multimodal models combining language with molecules and drug structures. Stay tuned by following us on Twitter @lang\_plus\_mols.

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## Outline:

1. Background [60 min.]
  - (a) What is a molecule? [15 min.]
  - (b) Molecule Design using Language Models [15 min.]
  - (c) Drug Discovery – A Brief Primer [15 min.]
2. Integrating Language with Molecules [95 min.]
  - (a) What does natural language have to offer? [15 min.]
  - (b) Do I want multimodality? [5 min.]
  - (c) Integrating Modalities [30 min.]
    - i. Bi-Encoder Models (and beyond)
    - ii. Joint Molecule-Language Models
    - iii. Model Differences
  - (d) An Interactive Example - TBA Disease [20 min.]
  - (e) Applications [25 min.]
3. Recent Trends and Conclusion [25 min.]
  - (a) LLMs as Scientific Agents [5 min.]
  - (b) Conclusion [10 min.]

## Transformer-specific Interpretability

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Hosein Mohebbi, Jaap Jumelet, Michael Hanna, Afra Alishahi and Willem Zuidema

<https://projects.illc.uva.nl/indeep/tutorial/>

Venue: Radisson Hotel - Radisson Ballroom  
**Thursday, March 21, 2024 - from 14:00 to 17:30**

Transformers have emerged as dominant players in various scientific fields, especially NLP. However, their inner workings, like many other neural networks, remain opaque. In spite of the widespread use of model-agnostic interpretability techniques, including gradient-based and occlusion-based, their shortcomings are becoming increasingly apparent for Transformer interpretation, making the field of interpretability more demanding today. In this tutorial, we will present Transformer-specific interpretability methods, a new trending approach, that make use of specific features of the Transformer architecture and are deemed more promising for understanding Transformer-based models. We start by discussing the potential pitfalls and misleading results model-agnostic approaches may produce when interpreting Transformers. Next, we discuss Transformer-specific methods, including those designed to quantify context-mixing interactions among all input pairs (as the fundamental property of the Transformer architecture) and those that combine causal methods with low-level Transformer analysis to identify particular subnetworks within a model that are responsible for specific tasks. By the end of the tutorial, we hope participants will understand the advantages (as well as current limitations) of Transformer-specific interpretability methods and how they can be applied to their own research work.

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If you're interested in getting a notification when more information is available, do sign up for tutorial mailing list: <https://is.gd/TTNbhe>.

# LLMs for Low Resource Languages in Multilingual, Multimodal and Dialectal Settings

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Firoj Alam, Shammur Absar Chowdhury, Sabri Boughorbel and Maram Hasanain

<https://llm-low-resource-lang.github.io/>

Venue: Corinthia Hotel - Fortress 2  
**Thursday, March 21, 2024 - from 14:00 to 17:30**

The recent breakthroughs in Artificial Intelligence (AI) can be attributed to the remarkable performance of Large Language Models (LLMs) across a spectrum of research areas (e.g., machine translation, question-answering, automatic speech recognition, text-to-speech generation) and application domains (e.g., business, law, healthcare, education, and psychology). The success of these LLMs largely depends on specific training techniques, most notably instruction tuning, RLHF, and subsequent prompting to achieve the desired output. As the development of such LLMs continues to increase in both closed and open settings, evaluation has become crucial for understanding their generalization capabilities across different tasks, modalities, languages, and dialects. This evaluation process is tightly coupled with prompting, which plays a key role in obtaining better outputs. There have been attempts to evaluate such models focusing on diverse tasks, languages, and dialects, which suggests that the capabilities of LLMs are still limited for medium-to-low-resource languages due to the lack of representative datasets. The tutorial offers an overview of this emerging research area. We explore the capabilities of LLMs in terms of their performance, zero- and few-shot settings, fine-tuning, instructions tuning, and close vs. open models with a special emphasis on low-resource settings. In addition to LLMs for standard NLP tasks, we will focus on speech and multimodality.

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# 11

## Workshops

### Detailed Schedule

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#### Tuesday, March 19, 2024

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Radisson Hotel - **SRW** - Student Research Workshop  
Reading

p.41

#### Thursday, March 21, 2024

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Radisson Hotel - **CODI** - 5th Workshop on Computational Approaches to Discourse  
Reading

p.42

Radisson Hotel - **CLPsych** - Ninth Workshop on Computational Linguistics and Clinical Psychology  
Carlson

p.43

Radisson Hotel - **LTEDI** - Fourth Workshop on Language Technology for Equality, Diversity and Inclusion  
Marie Louise 1

p.44

Radisson Hotel - **SCI-CHAT** - Workshop on Simulating Conversational Intelligence in Chat  
Marie Louise 2

p.45

Corinthia Hotel - **UnImplicit** - The Third Workshop on Understanding Implicit and Underspecified Language  
Bastion 1

p.46

Corinthia Hotel - **MOOMIN** - Workshop on Modular and Open Multilingual NLP  
Bastion 2

p.47

Corinthia Hotel - **CALD-pseudo** - Computational Approaches to Language Data Pseudonymization p.48  
Gardjola 3

## **Thursday, March 21 and Friday, March 22, 2024**

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Corinthia Hotel - **Computel-7** - The Seventh Workshop on The Use of Computational Methods in the Study of p.49  
Gardjola 1 & 2 Endangered Languages

## **Friday, March 22, 2024**

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Radisson Hotel - **SIGTYP** - The 6th Workshop on Research in Computational Linguistic Typology and Multi- p.50  
Marie Louise 1 lingual NLP

Radisson Hotel **WNUT** - 9th Workshop on Noisy and User-generated Text p.51  
- Radisson  
Ballroom

Corinthia Hotel - **TEICAI** - Towards Ethical and Inclusive Conversational AI: Language Attitudes, Linguistic p.52  
Bastion 1 Diversity, and Language Rights

Corinthia Hotel - **UncertaiNLP** - Workshop on Uncertainty-Aware NLP p.53  
Bastion 2

Radisson Hotel - **LaTeCH-CLFL** - The 8th Joint SIGHUM Workshop on Computational Linguistics for Cul- p.54  
Claremont tural Heritage, Social Sciences, Humanities and Literature

Corinthia Hotel - **SCALE-LLM** - Workshop on the Scaling Behavior of Large Language Models p.55  
Fortress 1

Radisson Hotel - **CASE** - The 7th Workshop on Challenges and Applications of Automated Extraction of Socio- p.56  
Reading political Events from Text

Corinthia Hotel - **DravidianLangTech** - The Fourth Workshop on Speech and Language Technologies for Dra- p.57  
Fortress 2 vidian Languages

Radisson Hotel - **LAW-XVIII** - The 18th Linguistic Annotation Workshop p.58  
Marie Louise 2

Corinthia Hotel - **NLP4HR** - The 1st Workshop on Natural Language Processing for Human Resources p.59  
Gardjola 3

Radisson Hotel - **PERSONALIZE** - Personalization of Generative AI Systems p.60  
Carlson

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# SRW - Student Research Workshop

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## Organizers:

Ameet Deshpande, EunJeong Hwang, Vishvak Murahari, Joon Sung Park, Diyi Yang, Ashish Sabharwal, Karthik Narasimhan and Ashwin Kalyan

<https://sites.google.com/view/eacl2024srw/homepage>

Venue: Radisson Hotel - Reading

**Tuesday, March 19, 2024**

The 2024 EACL Student Research Workshop (SRW) will be held in conjunction with EACL 2024. The conference will be held in hybrid mode in Malta. The SRW gives student researchers in Computational Linguistics and Natural Language Processing the opportunity to present their work and receive constructive feedback and mentorship by experienced members of the ACL community.

14:00 - 15:30	<i>Poster Session (7)</i>
16:00 - 16:10	<i>Opening Remarks</i>
16:15 - 17:15	<i>Panel</i>
17:20 - 17:55	<i>Best Student Papers Session</i>
17:55 - 18:00	<i>Closing Remarks</i>

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# CODI - 5th Workshop on Computational Approaches to Discourse

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## Organizers:

Chloé Braud, Christian Hardmeier, Chuyuan Li, Junyi Jessy Li, Sharid Loáiciga,  
Michael Strube and Amir Zeldes

<https://sites.google.com/view/codi2024/home?authuser=0>

Venue: Radisson Hotel - Reading

**Thursday, March 21, 2024**

The last ten years have seen a dramatic improvement in the ability of NLP systems to understand and produce words and sentences. This development has created a renewed interest in discourse phenomena as researchers move towards the processing of long-form text and conversations. There is a surge of activity in discourse parsing, coherence models, text summarization, corpora for discourse level reading comprehension, and discourse related/aided representation learning, to name a few, but the problems in computational approaches to discourse are still substantial. At this juncture, we have organized four Workshops on Computational Approaches to Discourse (CODI) at EMNLP 2020, EMNLP 2021, COLING 2022 and ACL 2023 to bring together discourse experts and upcoming researchers. These workshops have catalyzed work to improve the speed and knowledge needed to solve such problems and have served as a forum for the discussion of suitable datasets and reliable evaluation methods.

09:15 - 09:30	<i>Opening Remarks</i>
09:30 - 10:30	<i>Invited Talk - Hannah Rohde: Inferences of additional coherence-driven meaning within and across clauses</i>
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 12:00	<i>Poster Session 1</i>
12:00 - 13:30	<i>Lunch</i>
13:30 - 14:30	<i>Invited Talk - Manfred Stede: Connectives and Arguments</i>
14:30 - 15:30	<i>Poster Session 2</i>
15:30 - 16:00	<i>Coffee Break</i>
16:00 - 17:30	<i>Session - Oral presentations</i>
17:30 - 17:45	<i>Closing Remarks</i>

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# CLPsych - Ninth Workshop on Computational Linguistics and Clinical Psychology

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## Organizers:

Andrew Yates, Bart Desmet, Emily Prud'hommeaux, Ayah Zirikly, Steven Bedrick,  
Sean MacAvaney, Kfir Bar, Molly Ireland and Yaakov Ophir

<https://clpsych.org/>

Venue: Radisson Hotel - Carlson

**Thursday, March 21, 2024**

Since 2014, CLPsych has brought together researchers in computational linguistics and NLP, who use computational methods to better understand human language, infer meaning and intention, and predict individuals' characteristics and potential behavior, with mental health practitioners and researchers, who are focused on psychopathology and neurological health and engage directly with the needs of providers and their patients. This workshop's distinctly interdisciplinary nature has improved the exchange of knowledge, fostered collaboration, and increased the visibility of mental health as a problem domain in NLP.

08:45 - 09:00	<i>Workshop Intro</i>
09:00 - 09:45	<i>Keynote 1</i>
09:45 - 10:30	<i>Shared Task Session</i>
10:30 - 11:00	<i>Break</i>
11:00 - 11:45	<i>Poster Session</i>
11:45 - 12:45	<i>Paper Session 1</i>
12:45 - 14:00	<i>Lunch</i>
14:00 - 15:00	<i>Panel</i>
15:00 - 15:45	<i>Keynote 2</i>
15:45 - 16:15	<i>Break</i>
16:15 - 17:15	<i>Paper Session 2</i>
17:15 - 17:30	<i>Closing Remarks</i>

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# **LTEDI - Fourth Workshop on Language Technology for Equality, Diversity and Inclusion**

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## **Organizers:**

Bharathi Raja Chakravarthi, Bharathi B, Paul Buitelaar, Durairaj Thenmozhi, György Kovács and Miguel Ángel García Cembreras

<https://sites.google.com/view/lt-edi-2024>

Venue: Radisson Hotel - Marie Louise 1

**Thursday, March 21, 2024**

Equality, Diversity and Inclusion (EDI) is an important agenda across every field throughout the world. Language as a major part of communication should be inclusive and treat everyone with equality. Today's large internet community uses language technology (LT) and has a direct impact on people across the globe. EDI is crucial to ensure everyone is valued and included, so it is necessary to build LT that serves this purpose. Recent results have shown that big data and deep learning are entrenching existing biases and that some algorithms are even naturally biased due to problems such as 'regression to the mode'. Our focus is on creating LT that will be more inclusive of gender, racial, sexual orientation, persons with disability. The workshop will focus on creating speech and language technology to address EDI not only in English, but also in less resourced languages.

09:00 - 09:15	<i>Opening Remarks</i>
09:15 - 09:45	<i>Keynote</i> - Chair: Bharathi Raja Chakravarthi, University of Galway, Ireland
09:45 - 11:00	<i>Paper Session 1</i> - Chair: Bharathi Raja Chakravarthi, University of Galway, Ireland
11:00 - 11:30	<i>Coffee Break</i>
11:30 - 12:30	<i>Poster Session 1</i> - Chair: B. Bharathi, SSN College of Engineering, India
12:30 - 13:30	<i>Lunch Break</i>
13:30 - 15:45	<i>Paper Session 2</i> - Chair: Miguel Angel Garcia Cembreras, University of Jaén, Spain
15:45 - 16:15	<i>Coffee Break</i>
16:15 - 17:15	<i>Poster Session 2</i> - Chair: Gyorgy Kovacs, Lulea University of Technology (LTU), Sweden
17:15 - 17:45	<i>Plenary and Closing Remarks</i>

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# SCI-CHAT - Workshop on Simulating Conversational Intelligence in Chat

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## Organizers:

Andreas Vlachos, David Vandyke, Emine Yilmaz, Hsien-chin Lin, Ivan Vulić, Julius Cheng, Michael Zock, Songbo Hu, Stefan Ultes and Valerio Basile

<https://sites.google.com/view/dialogue-evaluation/home?authuser=3>

Venue: Radisson Hotel - Marie Louise 2

**Thursday, March 21, 2024**

The aim of this workshop is to bring together experts working on open-domain dialogue research. In this speedily advancing research area many challenges still exist, such as learning information from conversations, engaging in realistic and convincing simulation of human intelligence, reasoning, amongst others. SCI-CHAT follows previous workshops on open domain dialogue, but with a focus on the simulation of intelligent conversation, including the ability to follow a challenging topic over a multi-turn conversation, while positing, refuting and reasoning over arguments with live human evaluation employed as the primary mechanism for evaluating models (Ji et al., 2022). The workshop will include a research track and shared task.

09:15 - 09:30	<i>Opening Remarks</i>
09:30 - 10:30	<i>Invited Talk - Ondřej Dušek</i>
10:30 - 11:00	<i>Coffee break</i>
11:00 - 12:00	<i>Invited Talk - Dimitra Gkatzia</i>
12:00 - 13:30	<i>Lunch break</i>
13:30 - 14:30	<i>Contributed talks</i>
14:30 - 15:30	<i>Shared Task Discussion and Findings</i>
15:30 - 16:00	<i>Session 4 - In-person and online poster session</i>
16:00 - 16:30	<i>Coffee break</i>
16:30 - 17:00	<i>Session 4 - In-person and online poster session - continued</i>
17:00 - 17:10	<i>Closing remarks</i>

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# UnImplicit - The Third Workshop on Understanding Implicit and Underspecified Language

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## Organizers:

Valentina Pyatkin, Daniel Fried, Elias Stengel-Eskin, Alisa Liu and Sandro Pezzelle

<https://unimplicit2024.github.io/>

Venue: Corinthia Hotel - Bastion 1

**Thursday, March 21, 2024**

In order to resolve the meaning of underspecified and ambiguous language, we often employ additional modalities and information acquired through embodied experience (Bisk, 2020). For example “the girl saw the man with the telescope” becomes unambiguous if paired with an image of a man holding a telescope. In contrast, NLP typically considers language in isolation, removed from the context in which it is typically found. This workshop will highlight multimodal inputs, especially visual ones, as sources of information for resolving underspecification. These inputs can themselves pose additional challenges, e.g. through ambiguous images or videos (Bhattacharya, 2019; Sanders, 2022). The goal of the third edition of the workshop is to continue eliciting future progress on processing implicit, underspecified and ambiguous language with a strong focus on annotation ambiguity, multimodality and pragmatics. Similar to the first two editions, we would accept theoretical and practical contributions (long, short and non-archival) on all aspects related to the workshop topic.

09:30 - 09:45	<i>Welcome and Opening Remarks</i>
09:45 - 10:45	<i>Invited Talk 1 - Raquel Fernández</i>
10:45 - 11:15	<i>Coffee Break</i>
11:15 - 12:30	<i>In-Person Poster Session</i>
12:30 - 13:45	<i>Lunch</i>
13:45 - 14:30	<i>In-Person Oral Presentations</i>
14:30 - 15:30	<i>Invited Talk 2 - Malihe Alkhani</i>
15:30 - 16:00	<i>Coffee Break</i>
16:00 - 17:00	<i>Invited Talk 3 - Benjamin Bergen</i>
17:00 - 17:10	<i>Closing Remarks</i>

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# MOOMIN - Workshop on Modular and Open Multilingual NLP

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## Organizers:

Timothee Mickus, Jörg Tiedemann, Ahmet Üstün, Raúl Vázquez and Ivan Vulic

<https://moomin-workshop.github.io/>

Venue: Corinthia Hotel - Bastion 2

**Thursday, March 21, 2024**

Welcome to the website for the MOOMIN workshop, the first workshop on Modular and Open Multilingual NLP, to be held at EACL 2024 in Malta on March 21st. Modularity also promises efficient training, adaptation and inference through component selection, re-combination, aggregation, and re-use (Pfeiffer et al, 2020). There are huge potentials of saving computational costs and the overall carbon footprint. All of those attractive properties and ideas are subject of the workshop we propose. Stressing the re-use we also emphasize the development of open components that can be shared, deployed and widely integrated within the broader research community. Finally, we focus on multilinguality, one of the biggest remaining challenges in NLP.

09:15 - 09:30	<i>Opening Remarks</i>
09:30 - 10:30	<i>Keynote 1: Edoardo M. Ponti</i>
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 12:20	<i>Session 1: Efficient use of Adapters</i>
12:20 - 14:00	<i>Lunch Break</i>
14:00 - 15:00	<i>Session 2: Selection and weighting of modules</i>
15:00 - 15:40	<i>Session 3: Tuning LLMs</i>
15:40 - 16:00	<i>Coffee Break</i>
16:00 - 17:00	<i>Keynote 2: Angela Fan</i>
17:00 - 17:20	<i>Closing Remarks</i>

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# CALD-pseudo - Computational Approaches to Language Data Pseudonymization

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## Organizers:

Elena Volodina, Therese Lindström Tiedemann, Simon Dobnik, Xuan-Son Vu,  
David Alfter, Ricardo Muñoz Sánchez and Maria Irena Szawerna

<https://mormor-karl.github.io/events/CALD-pseudo/>

Venue: Corinthia Hotel - Gardjola 3

**Thursday, March 21, 2024**

CALD-pseudo workshop is a cross-disciplinary forum for advancing privacy protection of unstructured text data and data openness through **pseudonymization**.

This year the workshop has invited a broad community of researchers in all concerned cross-disciplinary fields to jointly discuss challenges within pseudonymization, such as: automatic approaches to detection and labelling of personal information in unstructured language data; developing context-sensitive algorithms for replacement of personal information in unstructured data; studies into the effects of pseudonymization on unstructured data; effectiveness of pseudonymization as a way of protecting writer identity; and numerous other open questions.

09:00 - 09:10	<i>Opening Remarks by Elena Volodina</i>
09:10 - 10:00	<i>Invited talk 1. Anders Søgaard. Title: NLP is Dead - Now What?</i> - Chair: Elena Volodina
10:00 - 10:30	<i>Session 1</i> - Chair: Maria Irena Szawerna
10:30 - 11:00	<i>COFFEE break</i>
11:00 - 12:00	<i>Session 2</i> - Chair: Hercules Dalianis
12:00 - 13:00	<i>LUNCH break</i>
13:00 - 13:50	<i>Invited talk 2. Ildikó Pilán. Title: Pseudonymisation and related techniques: a quest for determining what personal information to rewrite and how</i> - Chair: Elena Volodina
13:50 - 14:00	<i>Short break</i>
14:00 - 14:45	<i>Session 3</i> - Chair: Ricardo Muñoz Sánchez
14:45 - 14:50	<i>Short break</i>
14:50 - 15:30	<i>Session 4</i> - Chair: Ildikó Pilán
15:30 - 16:00	<i>COFFEE break</i>
16:00 - 17:00	<i>Panel discussion with Ildikó Pilán, Thomas Vakili, etc.</i> - Chair: Elena Volodina

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# **Computel-7 - The Seventh Workshop on The Use of Computational Methods in the Study of Endangered Languages**

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## **Organizers:**

Sarah Moeller, Godfred Agyapong, Antti Arppe, Aditi Chaudhary, Christopher Cox, Ryan E. Henke, Alexis Palmer, Shruti Rijhwani, Daisy Rosenblum and Lane Schwartz

<https://computel-workshop.org/computel-7/>

Venue: Corinthia Hotel - Gardjola 1 & 2

**Thursday, March 21, 2024 - Friday, March 22, 2024**

The primary aim of the workshop is to continue narrowing the gap between computational linguists interested in methods for endangered languages, field linguists documenting these languages, and the language communities who are striving to maintain their languages. The intention of the workshop is not merely to allow for the presentation of research, but also to build a network of computational linguists, documentary linguists, and community language activists who are able to effectively join together and serve their common interests. The organizers are pleased with the range of papers, many of which highlight the importance of interdisciplinary work and interaction between the various communities that the workshop is aimed towards. In addition to the regular program, we hosted a special theme session discussion at the workshop. The theme for this Special Session is “Partnerships in Practice”. The goal of this Special Session is to increase our shared understanding of how best to work together across disciplinary and cultural boundaries to support community goals for language revitalization. We received 34 submissions as papers or extended abstracts or submissions to the Special Session. After a thorough review process, 19 submissions were accepted of which 13 were selected to be published in the ACL Anthology excluding the extended abstracts. The Organizing Committee would like to thank the Program Committee for their thoughtful review of the submissions.

09:30 - 10:00	<i>Day-1 Welcome + Opening Remarks</i>
10:00 - 10:30	<i>Day-1 Session A</i>
10:30 - 11:00	<i>Day-1 Break</i>
11:00 - 12:30	<i>Day-1 Session B</i>
12:30 - 14:00	<i>Day-1 Lunch</i>
14:00 - 15:30	<i>Day-1 Session C</i>
15:30 - 16:00	<i>Day-1 Break</i>
16:00 - 17:30	<i>Day-1 Special Session I Partnerships in North America</i>
09:00 - 10:30	<i>Day-2 Special Session II Partnerships in Europe and Australia</i>
10:30 - 11:00	<i>Day-2 Break</i>
11:00 - 12:30	<i>Day-2 Session D</i>
12:30 - 14:00	<i>Day-2 Lunch</i>
14:00 - 15:30	<i>Day-2 Session E</i>
15:30 - 15:45	<i>Day-2 Closing Remarks</i>

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# SIGTYP - The 6th Workshop on Research in Computational Linguistic Typology and Multilingual NLP

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## Organizers:

Michael Hahn, Alexey Sorokin, Ritesh Kumar, Andreas Shcherbakov, Yulia Otmakhova, Jinrui Yang, Oleg Serikov, Priya Rani, Edoardo M. Ponti, Salihah Muradoğlu, Rena Gao, Ryan Cotterell and Ekaterina Vylomova

<https://sigtyp.github.io/workshop.html>

Venue: Radisson Hotel - Marie Louise 1

**Friday, March 22, 2024**

The aim of the 6th edition of SIGTYP workshop is to act as a platform and a forum for the exchange of information between typology-related research, multilingual NLP, and other research areas that can lead to the development of truly multilingual NLP methods. The workshop is specifically aimed at raising awareness of linguistic typology and its potential in supporting and widening the global reach of multilingual NLP, as well as at introducing computational approaches to linguistic typology. It will foster research and discussion on open problems, not only within the active community working on cross- and multilingual NLP but also inviting input from leading researchers in linguistic typology. Our workshop will serve as a platform to enable fruitful discussions. In 2024, we additionally focus on bridging the gap between cross-linguistic and universal annotation, models, and technology.

08:50 - 09:00	<i>Opening Remarks</i>
09:00 - 10:00	<i>Keynote by Christian Bentz</i> - Chair: Ekaterina Vylomova
10:00 - 10:30	<i>Low-Resource NLP</i> - Chair: Ekaterina Vylomova
10:30 - 11:15	<i>Break</i>
11:15 - 12:20	<i>Typology and Language Comparison</i>
12:30 - 13:45	<i>Lunch</i>
13:45 - 14:45	<i>Keynote by Ximena Gutierrez-Vasques</i>
14:45 - 15:30	<i>Multilinguality</i>
15:30 - 16:15	<i>Break</i>
16:15 - 17:00	<i>Shared task on Word Embedding Evaluation for Ancient and Historical Languages</i> - Chair: Oksana Dereza
17:00 - 17:30	<i>Typology and Human Language Processing</i>
17:35 - 17:50	<i>Computational Morphology and Lexicography Modeling of Modern Standard Arabic Nominals (EACL Findings)</i>
17:50 - 18:00	<i>Best Paper Awards, Closing</i>

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# WNUT - 9th Workshop on Noisy and User-generated Text

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## Organizers:

Rob van der Goot, Max Müller-Eberstein, JinYeong Bak, Wei Xu, Alan Ritter and Tim Baldwin

<https://noisy-text.github.io/2024/>

Venue: Radisson Hotel - Radisson Ballroom

**Friday, March 22, 2024**

The WNUT workshop focuses on core NLP tasks (e.g., POS/NER tagging and translation; not computational social science) over user-generated text, such as that found on social media, web forums, online reviews, digital health records, or language learner essays.

09:00 - 09:05	<i>Opening Remarks</i>
09:05 - 10:00	<i>Keynote: Yvette Graham</i>
10:00 - 10:30	<i>Oral Session 1</i>
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 12:30	<i>Poster Session</i>
12:30 - 14:00	<i>Lunch</i>
14:00 - 15:00	<i>Keynote: Jennifer Foster</i>
15:00 - 15:30	<i>Oral Session 2</i>
15:30 - 16:00	<i>Coffee Break</i>
16:00 - 17:00	<i>Oral Session 3</i>

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# **TEICAI - Towards Ethical and Inclusive Conversational AI: Language Attitudes, Linguistic Diversity, and Language Rights**

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## **Organizers:**

Sviatlana Höhn, Nina Hosseini-Kivanani, Dimitra Anastasiou, Bettina Migge,  
Angela Soltan, Ekaterina Kamlovskaya, Doris Dippold and Fred Philippy

<https://sites.google.com/view/teicai2024>

Venue: Corinthia Hotel - Bastion 1

**Friday, March 22, 2024**

Conversational language technologies (chatbots, voice assistants, and multimodal conversational interfaces) are becoming increasingly complex and common in everyday life. Various language theories (such as speech act theory, politeness theory, conversation analysis, and interaction theory) have started influencing their development. At the same time, the development of these technologies is often driven by technology-related concerns and tends to overlook users' needs and socio-cultural contexts. This, combined with the scarcity of human rights regulation of AI, raises concerns about linguistic discrimination, exclusion, surveillance, and security risks. In addition, training data for conversational AI mostly comes from written rather than interaction-based language data sets and often does not include gestural, social, and emotional aspects that are fundamental to human interaction. In the same vein, Sign Language is rarely facilitated. To promote a positive impact of conversational technology on linguistic diversity and inclusion, it is imperative to strike a balance between technological concerns and socially relevant matters. Our workshop aims at addressing these issues by using a holistic approach that involves dialogue and collaboration among technologists, linguists, policymakers, and communities involved in the development and commissioning of conversational AI systems.

09:00 - 09:30	<i>Welcome and Introduction</i>
09:30 - 10:30	<i>Keynote Talk by Justine Cassel: "Culturally-Aware Educational Language Technologies"</i>
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 12:00	<i>Paper Session 1</i>
12:00 - 13:45	<i>Lunch Break</i>
13:45 - 14:40	<i>Paper Session 2</i>
14:40 - 15:30	<i>Keynote Talk by Bharathi Raja Chakravarthi: "Language Technology for Equality, Diversity and Inclusion"</i>
15:30 - 16:00	<i>Coffee Break</i>
16:00 - 16:40	<i>Round-Table: "The magic components of success: multidisciplinary collaboration among language rights, language ideology and conversational AI communities"</i>
16:40 - 16:50	<i>Closing Words</i>

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# UncertaiNLP - Workshop on Uncertainty-Aware NLP

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## Organizers:

Wilker Aziz, Joris Baan, Hande Celikkannat, Marie-Catherine de Marneffe, Barbara Plank, Swabha Swayamdipta, Jorg Tiedemann, Dennis Ulmer and Raúl Vázquez

<https://uncertainlp.github.io/>

Venue: Corinthia Hotel - Bastion 2

**Friday, March 22, 2024**

Human languages are inherently ambiguous and understanding language input is subject to interpretation and complex contextual dependencies. Nevertheless, the main body of research in NLP is still based on the assumption that ambiguities and other types of underspecification can and have to be re-solved. This workshop will provide a platform for research that embraces variability in human language and aims to represent and evaluate the uncertainty that arises from it, and from modeling tools themselves. UncertaiNLP brings together researchers embracing sources of uncertainty from human language and NLP tools; harnessing them for improved NLP.

09:00 - 09:10	<i>Opening Remarks</i>
09:10 - 09:55	<i>Keynote Talk - Chrysoula Zerva</i>
09:55 - 10:15	<i>Presentation Session 1</i>
10:15 - 10:30	<i>Poster Spotlights</i>
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 12:15	<i>In-Person Poster Session</i>
12:15 - 13:15	<i>Lunch Break</i>
13:15 - 14:00	<i>Keynote Talk - Clara Meister</i>
14:00 - 15:30	<i>Presentation Session 2</i>
15:30 - 16:00	<i>Coffee Break</i>
16:00 - 16:30	<i>Presentation Session 3</i>
16:30 - 17:15	<i>Keynote Talk</i>
17:15 - 17:30	<i>Closing Remarks</i>

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# LaTeCH-CLfL - The 8th Joint SIGHUM Workshop on Computational Linguistics for Cultural Heritage, Social Sciences, Humanities and Literature

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## Organizers:

Yuri Bizzoni, Stefania Degaetano-Ortlieb, Anna Kazantseva and Stan Szpakowicz

<https://sighum.wordpress.com/events/latech-clfl-2024/>

Venue: Radisson Hotel - Claremont

**Friday, March 22, 2024**

There is a growing interest in computational models whose results can be used or interpreted in meaningful ways. It is, therefore, of mutual benefit that NLP experts, data specialists and Digital Humanities researchers who work in and across their domains get involved in the Computational Linguistics community and present their fundamental or applied research results. It has already been demonstrated how cross-disciplinary exchange not only supports work in the Humanities, Social Sciences, and Cultural Heritage communities but also promotes work in the Computational Linguistics community to build richer and more effective tools and models.

09:00 - 09:05	<i>Welcome</i>
09:05 - 10:05	<i>Talk Session</i>
10:05 - 10:35	<i>Poster session</i>
10:35 - 11:00	<i>Coffee break</i>
11:00 - 12:00	<i>Poster session</i>
12:00 - 13:30	<i>Lunch Break</i>
13:30 - 14:30	<i>Invited Talk - Marten Düring and Maud Ehrmann</i>
14:30 - 15:30	<i>Talk Session</i>
15:30 - 16:00	<i>Coffee Break</i>
16:00 - 17:20	<i>Talk Session</i>
17:20 - 17:40	<i>Business Meeting SIGHUM</i>
17:40 - 17:45	<i>Closing</i>

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# SCALE-LLM - Workshop on the Scaling Behavior of Large Language Models

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## Organizers:

Antonio Valerio Miceli-Barone, Fazl Barez, Shay Cohen, Elena Voita, Ulrich Germann and Michal Lukasik

<https://scale-llm-24.pages.dev/>

Venue: Corinthia Hotel - Fortress 1

**Friday, March 22, 2024**

The purpose of this workshop is to provide a venue to share and discuss results of investigations into the scaling behavior of Large Language Models (LLMs). We are particularly interested in results displaying "interesting" scaling curves (e.g., inverse, u-shaped, or inverse u-shaped scaling curves) for a variety of tasks. These results, where the performance of the LLMs decreases with increasing model size or follows a non-monotonic trend, deviating from the expected "the bigger, the better" positive scaling laws, are of great scientific interest as they can reveal intrinsic limitations of current LLM architectures and training paradigms and they provide novel research directions towards a better understanding of these models and of possible approaches to improve them.

09:00 - 09:15	<i>Opening Remarks</i>
09:15 - 09:45	<i>Invited Talk 1 - Ian McKenzie</i>
09:45 - 10:30	<i>Oral presentations</i>
10:30 - 14:00	<i>Break</i>
14:00 - 14:30	<i>Invited talk 2 - Najoung Kim</i>
14:30 - 15:15	<i>Panel discussion</i>
15:15 - 15:30	<i>Best paper announcement and closing remarks</i>
15:30 - 17:30	<i>Poster session</i>

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# CASE - The 7th Workshop on Challenges and Applications of Automated Extraction of Socio-political Events from Text

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## Organizers:

Andrew Halterman, Giuseppe Tirone, Osman Mutlu, Tadashi Nomoto, Hristo Tanev, Onur Uca, Peratham Wiriyathammabhum, Marijn Schraagen, Gaurav Singh, Fiona Anting Tan, Surendrabikram Thapa, Alexandra DeLucia, Kumari Neha, Maria Eskevich, Guanqun Yang, Cagri Toraman, Debanjana Kar, Man Luo, Nelleke Oostdijk, Hansi Hettiarachchi, Guneet Singh Kohli and Vanni Zavarella

<https://emw.ku.edu.tr/case-2024/>

Venue: Radisson Hotel - Reading

**Friday, March 22, 2024**

We invite contributions from researchers in computer science, NLP, ML, DL, AI, socio-political sciences, conflict analysis and forecasting, peace studies, as well as computational social science scholars involved in the collection and utilization of SPE data. Academic workshops specific to tackling event information in general or for analyzing text in specific domains such as health, law, finance, and biomedical sciences have significantly accelerated progress in these topics and fields, respectively. However, there has not been a comparable effort for handling SPEs. We fill this gap. We invite work on all aspects of automated coding and analysis of SPEs and events in general from mono- or multi-lingual text sources.

09:00 - 09:10	<i>Opening Remarks</i>
09:10 - 10:10	<i>Event Extraction, approaches and resources</i>
10:10 - 10:30	<i>Large Language Models for Event Extraction, Part I</i>
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 12:00	<i>Large Language Models for Event Extraction, Part II</i>
12:00 - 12:40	<i>Climate Activism Hate and Stance Event Detection Shared Task</i>
12:40 - 14:00	<i>Lunch Break</i>
14:00 - 14:45	<i>Hate Speech in Turkish and Arabic Tweets (HSD-2LANG)</i>
14:45 - 15:30	<i>Multimodal Hate Speech Event Detection</i>
15:30 - 16:00	<i>Coffee Break</i>
16:00 - 17:00	<i>Poster session</i>
17:00 - 17:20	<i>Closing remarks</i>

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# **DravidianLangTech - The Fourth Workshop on Speech and Language Technologies for Dravidian Languages**

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## **Organizers:**

Bharathi Raja Chakravarthi, Ruba Priyadharshini, Anand Kumar M, Sajeetha Thavareesan, Elizabeth Sherly, Rajeswari Natarajan and Manikandan Ravikiran

<https://sites.google.com/view/dravidianlangtech-2024/>

Venue: Corinthia Hotel - Fortress 2

**Friday, March 22, 2024**

The development of technology increases our internet use, and most of the global languages have adapted themselves to the digital era. However, there are many regional, under-resourced languages that face challenges as they still lack developments in language technology [1]. One such language family is the Dravidian family of languages. Dravidian languages are primarily spoken in south India and Sri Lanka. Pockets of speakers are found in Nepal, Pakistan, Malaysia, other parts of India and elsewhere in the world. The Dravidian languages, which are 4,500 years old [2] and spoken by millions of speakers, are under-resourced in speech and natural language processing [1]. The Dravidian languages are divided into four groups: South, South-Central, Central, and North groups. Dravidian morphology is agglutinating and exclusively suffixal. Syntactically, Dravidian languages are head-final and left-branching. They are free-constituent order languages. To improve access to and production of information for monolingual speakers of Dravidian languages, it is necessary to have speech and languages technologies. The aim of these workshops is to save the Dravidian languages from extinction in technology. This is the first workshop on speech and language technologies for Dravidian languages.

09:15 - 09:30	<i>Opening Remarks</i>
09:30 - 10:00	<i>Keynote</i>
10:00 - 11:00	<i>Developing Models and Resources for Low Resource Applications</i> - Chair: Bharathi Raja Chakravarthi, University of Galway, Ireland
11:00 - 13:00	<i>Poster Session</i> - Chair: Prasanna Kumar Kumerasan, University of Galway, Ireland
13:00 - 13:30	<i>Lunch Break</i>
13:30 - 15:45	<i>Overview and Findings of Shared Tasks at DravidianLangTech 2024</i> - Chair: Rahul Pon-nusamy, University of Galway, Ireland
15:45 - 17:00	<i>Tea Break</i>
17:00 - 17:15	<i>Meeting, Awards, Closing</i>

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# LAW-XVIII - The 18th Linguistic Annotation Workshop

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## Organizers:

Sophie Henning, Manfred Stede, Amir Zeldes and Ines Rehbein

<https://sigann.github.io/LAW-XVIII-2024/>

Venue: Radisson Hotel - Marie Louise 2

**Friday, March 22, 2024**

Linguistic annotation of natural language corpora is the backbone of supervised methods of statistical natural language processing. The Linguistic Annotation Workshop (LAW) is the annual workshop of the ACL and ELRA Special Interest Group on Annotation (SIGANN), and it provides a forum for the presentation and discussion of innovative research on all aspects of linguistic annotation, including the creation and evaluation of annotation schemes, methods for automatic and manual annotation, use and evaluation of annotation software and frameworks, representation of linguistic data and annotations, semi-supervised “human in the loop” methods of annotation, crowd-sourcing approaches, and more. As in the past, the LAW will provide a forum for annotation researchers to work towards standardization, best practices, and interoperability of annotation information and software.

08:50 - 09:00	<i>Opening Remarks</i>
09:00 - 10:00	<i>Long Papers 1</i>
10:00 - 10:30	<i>Short Papers 1</i>
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 11:50	<i>Invited Talk: Lilja Øvrelid</i>
11:50 - 12:50	<i>Long Papers 2</i>
12:50 - 14:00	<i>Lunch Break</i>
14:00 - 15:00	<i>In-Person Poster Session</i>
15:00 - 15:30	<i>Short Papers 2</i>
15:30 - 16:00	<i>Coffee Break</i>
16:00 - 17:00	<i>Long Papers 3</i>
17:00 - 17:10	<i>Short Talk</i>
17:10 - 17:20	<i>Closing Remarks</i>

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# NLP4HR - The 1st Workshop on Natural Language Processing for Human Resources

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## Organizers:

Estevam Hruschka, Naoki Otani, Thom Lake and Tom Mitchell

<https://megagon.ai/nlp4hr-2024/>

Venue: Corinthia Hotel - Gardjola 3

**Friday, March 22, 2024**

The Human Resources (HR) field involves a range of diverse tasks where Natural Language Processing (NLP) can provide valuable assistance. These tasks include talent acquisition, career growth guidance, performance management, continuous education, and training, among others. At the same time, the adoption of automated techniques for HR applications can also pose certain risks and concerns, such as fairness, privacy, reproducibility, controllability, and transparency among others, for which, again, NLP research can play a pivotal role. The NLP4HR workshop aims to bring together research communities from academia and industry in these interconnected areas to discuss related challenges and opportunities. The workshop will feature invited talks, a panel discussion, and presentations of submitted long and short papers. It will also provide a platform for researchers and practitioners to come together and exchange their ideas and experiences through open discussions.

08:30 - 08:40	<i>Opening Remarks</i>
08:40 - 09:30	<i>Invited Talk 1</i>
09:30 - 10:30	<i>Oral Presentation Session 1</i>
10:30 - 11:00	<i>Break</i>
11:00 - 11:50	<i>Invited Talk 2</i>
11:50 - 12:20	<i>Oral Presentation Session 2</i>
12:20 - 13:00	<i>Lunch</i>
13:00 - 13:50	<i>Invited Talk 3</i>
13:50 - 14:40	<i>Panel</i>
14:40 - 15:30	<i>Poster Session</i>
15:30 - 16:00	<i>Break</i>
16:00 - 16:50	<i>Invited Talk 4</i>
16:50 - 17:00	<i>Closing Remarks</i>

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# PERSONALIZE - Personalization of Generative AI Systems

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## Organizers:

Ameet Deshpande, EunJeong Hwang, Vishvak Murahari, Joon Sung Park, Diyi Yang, Ashish Sabharwal, Karthik Narasimhan and Ashwin Kalyan

<https://genpersonalization.github.io/>

Venue: Radisson Hotel - Carlson

**Friday, March 22, 2024**

The exponential growth of generative AI and foundation models has spurred significant development, adoption, and capital investment across various industries. However, an important challenge lies in the generic nature of these systems, lacking personalization, which hinders their effectiveness for diverse user demographics. Addressing this issue has become a major focus for both model developers and firms, with billions of dollars and extensive research efforts dedicated to personalization initiatives, exemplified by projects like Snap's MyAI and Meta's Abraham Lincoln bot plans. Despite this progress, there are three key challenges being overlooked: technical, legal, and philosophical. Technical challenges encompass issues with existing personalization methods, such as computational efficiency, quality, and safety concerns. Meanwhile, legal and philosophical considerations are vital due to the potential for misuse, harmful consequences, biased behavior, and privacy violations associated with personalized AI systems. The PERSONALIZE workshop aims to serve as a platform for diverse stakeholders to explore these multifaceted challenges and engage in discussions and guide the future of personalized generative AI.

09:00 - 09:15	<i>Opening Remarks</i>
09:15 - 09:45	<i>Invited Talk 1</i>
09:45 - 10:15	<i>Invited Talk 2</i>
10:15 - 11:00	<i>Coffee Break</i>
11:00 - 12:00	<i>Panel discussion</i>
12:00 - 14:00	<i>Lunch Break</i>
14:00 - 15:30	<i>In-Person Poster Session</i>
15:30 - 16:00	<i>Coffee Break</i>
16:00 - 16:30	<i>Invited Talk 3</i>
16:30 - 17:00	<i>Best Paper Talks (General and Theme)</i>
17:00 - 17:30	<i>Virtual poster session</i>

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Local Guide

## Conference Venue



**Radisson** BLU  
RESORT, MALTA  
ST JULIAN'S

**CORINTHIA**  
ST GEORGE'S BAY  
MALTA

This years EACL has 2 Venues: While the main conference will be held at the Radisson Blu in St. George's Bay. Workshops and Tutorials will be split between 2 Venues:

- **Radisson Blu** - St. Julian's - St George's Bay, St. Julian's, STJ 3391, Malta
- **Corinthia St George's Bay** - St Julian's, STJ 3301, Malta

### Radisson Blu

The Hotel Radisson Blu is surrounded by views of the Mediterranean Sea. Conveniently located in St. Julian's, the resort is only 13.5 kilometers from Malta International Airport and under 10 kilometers from Valletta, the Maltese capital. The modern rooms and suites have free Wi-Fi, television, desk, minibar and

tea and coffee making facilities. Many offer a balcony; the suites also have a terrace and/or sea view. Some suites are also equipped with a whirlpool bathtub.

The breakfast buffet is included in our ACL Room Block and for those booking outside the block it is available at an additional cost. There are 3 restaurants, a bar, a heated indoor pool and several outdoor pools. Other facilities include a business center, a spa with massage treatments, and activities like scuba diving and jet skiing. Parking is included in the price.

### **Corinthia St. George Bay**

Located next door to the Host hotel Right on the waterfront of St. George's Bay, the Corinthia is a 5-star hotel with an on-site spa and 5 swimming pools set on luxurious sea-view terraces. Free Wi-Fi is available throughout. Corinthia Hotel St. George's Bay features spacious, air-conditioned rooms with a large balcony, most overlooking the sea. Fine dining at the Corinthia includes a generous daily breakfast, plus 11 restaurants serving a variety of cuisines, all with views. Restaurants have both indoor and outdoor options, offering a wide selection of fine wines and cocktails. Corinthia's Apollo by Dee Spas is available for a variety of treatments including beauty treatments, Ayurvedic and reflexology massages. It also has an indoor heated pool, a sauna, a jacuzzi and a gym. Self-hire boat rental may be rented at the hotel's watersport and diving centre. Bus stop and hop on hop off stops are located right outside the hotel to take you to Malta's main localities and attractions in Valletta and Sliema. Hotel is also located at a walking distance to restaurants and bars.

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## **About Malta**

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MALTA

Explore Malta: <https://2024.eacl.org/downloads/Malta.pdf>  
Presentation and Image credits: Max Bartolo (Local Ambassador)

Food options: There's Sole close by which is excellent, but a bit high end and Melting Pot (the restaurant of the local football club) is a good choice for a quick snack. Paceville is a short 5-10 min walk away. That's the main clubbing area on the island and gets very crowded but might be worth a visit.

Encourage attendees to explore the whole island in particular:

- Valletta
- Mdina
- Hagar Qim and Mnajdra prehistoric temples
- Birgu
- Blue Grotto
- Fishing village of Marsaxlokk (fish market open on Sundays until approx 12:30)
- A boat trip to Comino which will be beautiful in March
- Explore scuba diving options
- Beaches: Mellieha Bay, Paradise Bay, Golden Bay, Ghajn Tuffieha
- Mgarr for traditional food like rabbit, horse meat and quail

Recommend Tour Company [www.hellomaltatours.com](http://www.hellomaltatours.com)

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## Things to do in Malta

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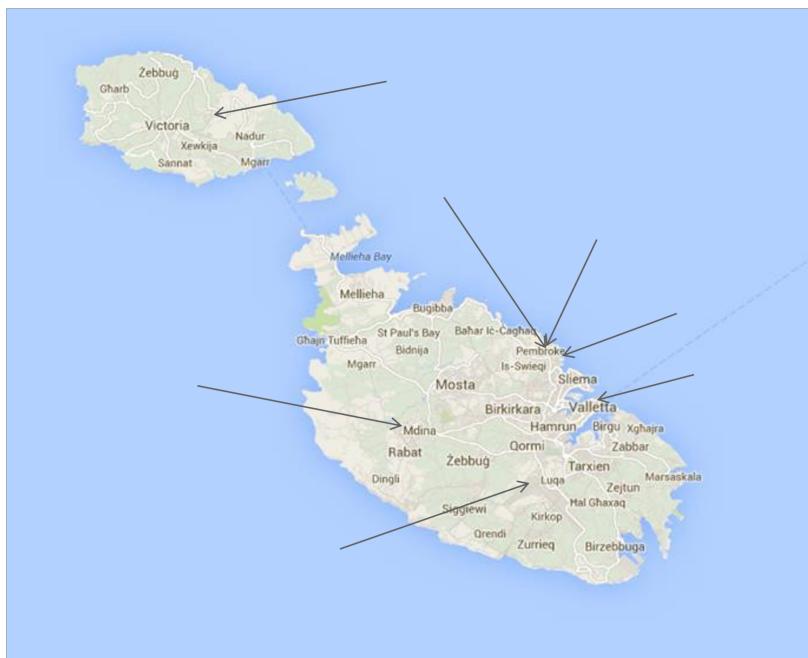
### Saturday:

- Hop on hop off bus tour in Malta (north + south tour)
- Hop on hop off bus tour in Gozo
- 2-harbours cruise
- Weather permitting the Gozo/Comino cruise
- Temples tour with guide
- Rabat, Mdina & San Anton Gardens with guide

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### Sunday:

- Hop on hop off bus tour in Malta (north + south tour)
- Hop on hop off bus tour in Gozo
- 2-harbours cruise
- Weather permitting the Gozo/Comino cruise
- Marsaxlokk and Blue Grotto tour with guide

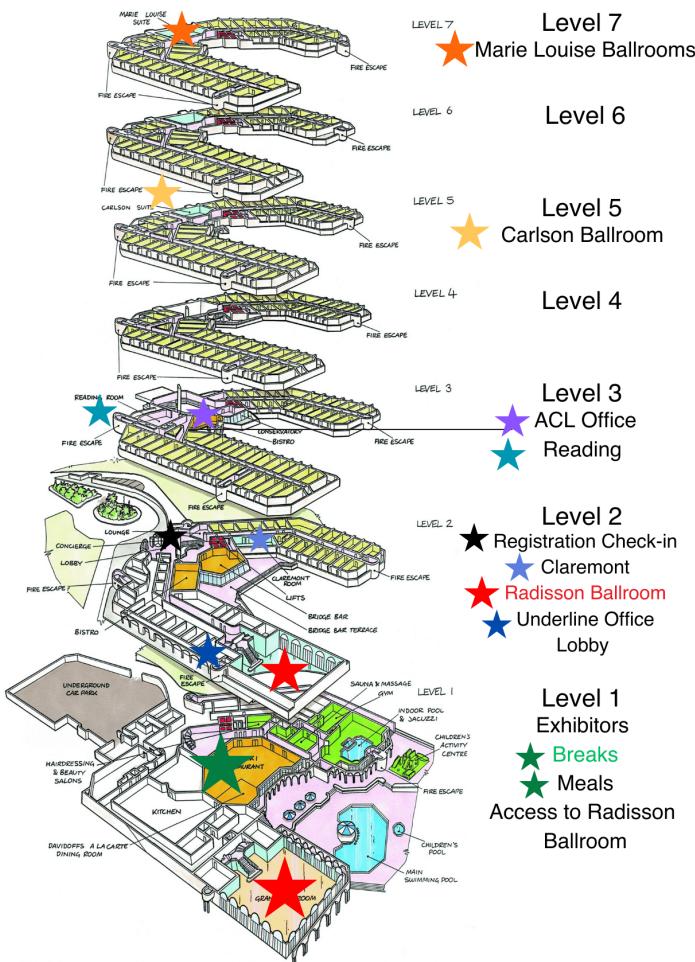


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**Venue Map**

## Radisson Blu

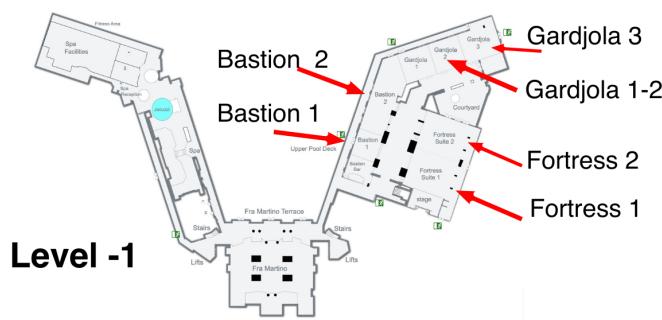
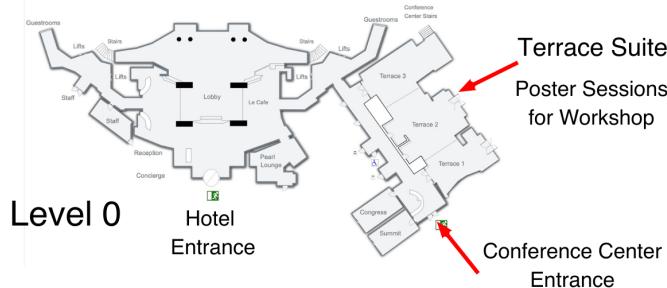
# Radisson Blu Hotel Layout



## Corinthia

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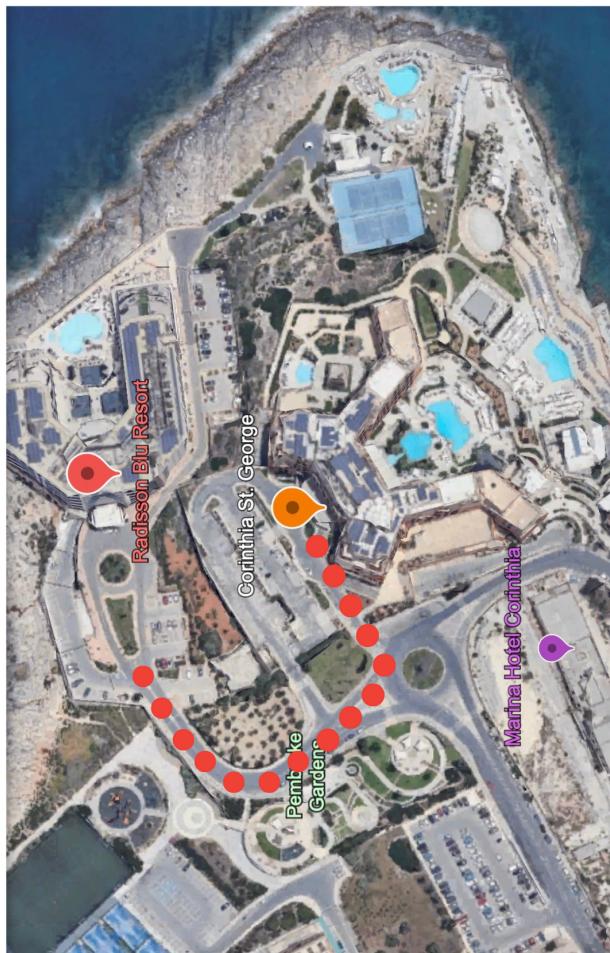
### Corinthia St. George Hotel Layout



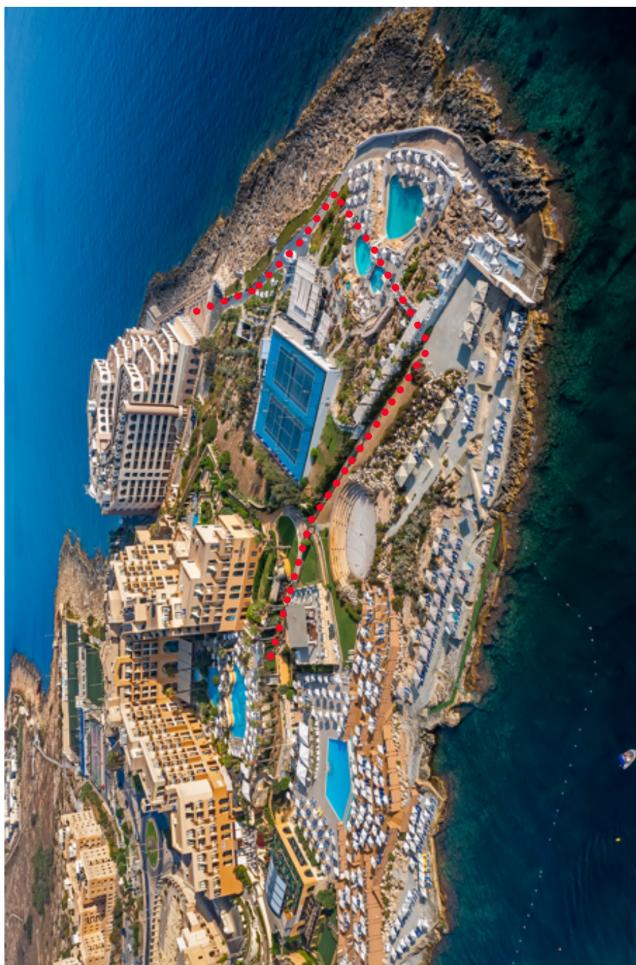
## From Radisson Blu to Corinthia

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### Street Map from Radisson to Corinthia



## Seaside Map from Radisson to Corinthia



*Venue Map*

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## Megagon Labs

Since 2016, Megagon Labs has conducted top-notch research and built technologies in Mountain View and Tokyo. We are making impact through the worldwide services and products Recruit Group offers by empowering people to make their best decision. Our research focuses are in the broad areas of Artificial Intelligence, Data Management, and Natural Language Processing.

### EACL Paper

Less is More for Long Document Summary Evaluation by LLMs  
Yunshu Wu, Hayate Iso, Pouya Pezeshkpour, Nikita Bhutani, Estevam Hruschka

### EACL Demo

MEGANNO+: Human-LLM Collaborative Annotation System  
Hannah Kim, Kushan Mitra, Rafael Li Chen, Sajjadur Rahman, Dan Zhang

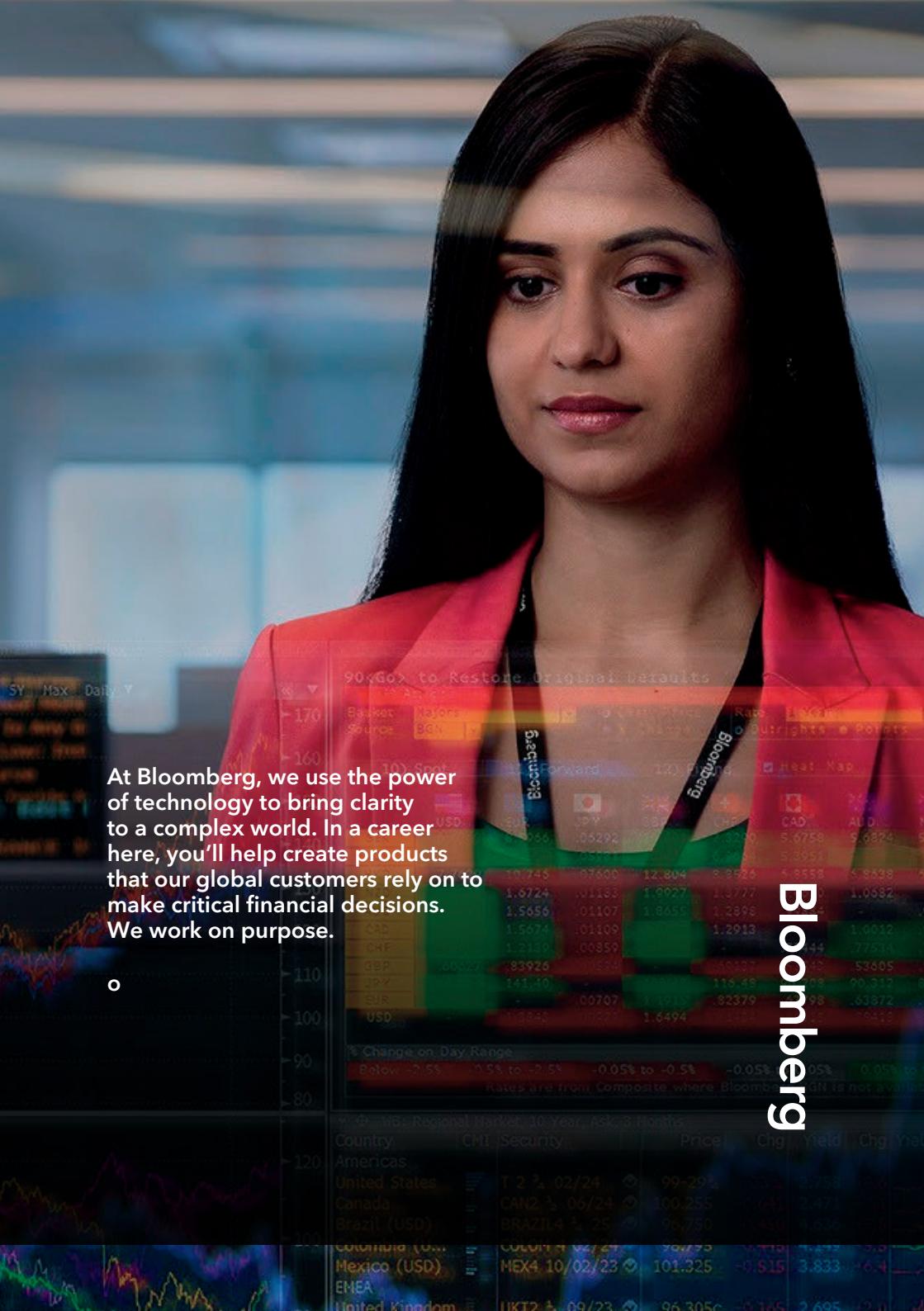


## NLP4HR Workshop

March 22nd at Corinthia Hotel

The Human Resources (HR) field involves a range of diverse tasks where Natural Language Processing (NLP) can provide valuable assistance in tasks such as talent acquisition, career growth guidance, job training as well as help mitigate the risks of adoption of automated techniques for HR applications. The NLP4HR workshop invites those in these interconnected areas to discuss related challenges and opportunities.





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