

The 19th NVP Winter Conference 2023 on
BRAIN & COGNITION

14 to 16 December 2023



Program

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Introduction

Welcome to the 19th edition of the NVP Winter Conference on Brain & Cognition! According to tradition, the conference takes place in Hotel Zuiderduin in Egmond aan Zee, close to the sea in the north of the Netherlands. We are happy to present an outstanding program and a conference that once more has grown substantially, due to an overwhelming amount of abstract submissions and registrations from researchers in the Netherlands and abroad.

We hope you will enjoy this conference and we look forward to meeting you!

On behalf of the NVP board, the scientific committee, and the organizing committee,

A handwritten signature in black ink, appearing to read 'P. Hagoort', with a long, sweeping horizontal stroke extending to the right.

Prof. Dr. Peter Hagoort
Chair organizing committee

Organizers

Organizing committee

Peter Hagoort (Chair)

Tildie Stijns

Linda Drijvers/Noor Seijdel (Treasurer Dutch Psychonomic Society)

Scientific committee

Henk van Steenbergen (Chair; Leiden University)

Marieke van Vugt (chair elect, Rijksuniversiteit Groningen)

Marnix Naber (Utrecht University)

Janna Cousijn (Erasmus University Rotterdam)

Timo Stein (University of Amsterdam)

Vincent van de Ven (Maastricht University)

Rinus Verdonschot (Max Planck Institute Nijmegen)

Eliana Vassena (Radboud University)

Freek van Ede (Vrije Universiteit)

Tessa van Leeuwen (Tilburg University)

Student assistants

Sonia Balan

Ningjing Cui

Bram Fresen

Julie Hoomans

Yibei Liu

Swantje Neil

Adrian Nichici

Giulio Quagliozzi

NVP Code of conduct

During the NVP conference, all participants (including volunteers, organizers, reviewers, speakers, sponsors) are required to agree with this code of conduct. We strongly encourage adopting these principles in other NVP-related activities, and in academic life generally.

Code of conduct

- NVP members will conduct themselves with the **highest standards of integrity and honesty**. We promote the free exchange of scientific ideas and diversity of thought; treat all colleagues with respect and consideration; communicate openly and thoughtfully; and show respect for a multitude of views and opinions that may be different from our own.
- NVP members maintain a conference **free from discrimination, prejudice, intimidation or harassment**. This includes, but is not limited to:
 - offensive comments related to age, race, religion, creed, color, gender (including transgender/gender identity), sexual orientation, medical condition, physical or intellectual disability, pregnancy, national origin, or ancestry;
 - harassment and intimidation, including any verbal, nonverbal, written or physical conduct designed to threaten, intimidate, or coerce another participant, conference organizers, or staff;
 - physical or verbal abuse of any attendee, speaker, volunteer, exhibitor, staff member, service provider or other meeting participant;
 - disrespectful disruption of presentations and conference activities.
- The NVP Dutch Society for Brain and Cognition will **actively promote a diverse membership**, and support proportional diverse representation in committees and leadership roles.

Consequences of violating this code of conduct

It is expected that everyone will cooperate to help ensure a safe and inclusive environment for all. NVP encourages all participants to immediately report any incidents (whether against you or against others) of discrimination, harassment, unprofessional conduct, and/or retaliation so that complaints can be quickly and fairly resolved. There will be no retaliation against anyone who brings a complaint or submits an incident report in good faith, or who honestly assists in investigating such a complaint.

The NVP may take action deemed necessary and appropriate. This includes an informal or formal warning to the offender, expulsion from the conference with no refund, barring from participation in future conferences or their organization, reporting the incident to the offender's local institution or funding agencies, or reporting the incident to local authorities or law enforcement.

If you are the subject of unacceptable behavior or have witnessed any such behavior, please notify any NVP board members or members of the diversity committee. During the conference, you can contact the following members of NVP's diversity committee for confidential reporting and advice:

- Linda Drijvers (06 3023 9260)
- Nicolás Sánchez-Fuenzalida (06 1335 2087)

Information for presenters

Oral presentations

Talks should last 10 minutes + 5 minutes for questions. Please arrive before the start of your sessions and bring your own presentation (with fonts embedded) on a memory stick or your own laptop. In case of a mac, please don't forget your mac dongles. Slide format is 16:9.

Poster sessions 1 & 2

The poster boards are numbered. **Please check your number in the conference tool.** The number of your poster is indicated right after the number of the poster session: Poster session 1: 13 – this being poster number 13 of poster session 1.

Tape for the posters will be provided.

Poster boards are suitable for an **A0 landscape poster**. Please take your poster down after your poster session – leaving the number of the poster board up.

Conference location and traveling

When arriving by public transport:

On Thursday morning special busses will leave from the rear exit of Alkmaar train station. The bus for the PhD pre-event will depart at 10.15 hrs. sharp! For the conference busses will depart at 10.45, 11.00, 11.30 and 11.45 hrs. These busses are free of charge for all NVP attendees and will take you straight to Hotel Zuiderduin within 20 minutes.

On Saturday we are providing transport to Alkmaar station. The first bus will depart from hotel Zuiderduin at 13.15 hrs.

When arriving by car:

During the conference the parking at Hotel Zuiderduin is free accessible. If there is no space you can park your car in Egmond aan Zee free of charge during working days.

Hotel Zuiderduin (Conference hotel)

Website: <https://zuiderduin.nl>

Check-in from 15.00 hrs. You can store your luggage in the storage room.

Check-out before 10.30 hrs. You can put your key card in the check-out box at reception and store your luggage in de storage room.

Program overview

Thursday 14 December:

- 10.00-10.15 *Bus for PhD-pre-event leaves Alkmaar train station (behind the station)*
- 11.00-12.45 PhD pre-event (Abdijzaal) & lunch (Lounge 2)
- 10.45-11.45 *Busses leave Alkmaar train station (behind the station)*
- 11.00 - 12.45 **Registration** (Lounge 1)
A sandwich with tea and coffee will be provided
- 12.45 - 13.00 **Opening** (Lamoraalzaal)
 Early career award & Thesis prizes awards
- 13.00 - 14.00 **Keynote 1: Michael Inzlicht (University of Toronto)** (Lamoraalzaal)
 'Little brain' but big contributions – reflections on cerebellar circuitry in action, perception, and cognition
- 14.00 - 14.30 **Coffee/Tea** (Lounge 1)
- 14.30 - 15.30 **Parallel session 1**
- Symposium 1: Deciding how to decide - Neural circuits, computations and psychopathology in cognitive effort allocation (Lamoraalzaal)
 - Talks 1: Development – (Abdijzaal)
 - Talks 2: Attention - (Zaal 522)
- 15.30 - 17.15 **Poster session 1 + drinks** (Zuiderduinzaal)
Please take down your poster immediately after the session.
- 17.30 - 18.30 **Parallel session 2**
- Symposium 2: Explaining the brain: From neural mechanisms to computational models (Lamoraalzaal)
 - Talks 3: Perception & Sensory Integration (Abdijzaal)
 - Talks 4: Action & Cognitive control and executive function (Zaal 522)
- 19.00 - 21.00 **Dinner buffet** (Restaurant)
- 21.00 - 23.00 **Pub quiz** (Ritz)
- 21.00 - 01.00 **Bar open** (Pub)
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Friday 15 December:

07:00 – 09:00 **Breakfast** (Restaurant)

09:00 – 10:00 **Keynote 2: Eiko Fried** (Lamoraalzaal)
Conceptualizing and modeling mental health problems as complex systems

10:00 – 10:30 **Coffee/tea** (Lounge 1)

10:30 – 11:30 **Parallel session 3**

- Symposium 3: Peripheral-central interactions in motivation and decision making (Lamoraalzaal)
- Symposium 4: Processing, predicting and remembering real-life experiences (Abdijzaal)
- Talks 5: Methods and modelling (Zaal 522)

11:30 – 12:00 **Coffee/tea** (Lounge 1)

12:00 – 13:00 **Parallel session 4**

- Symposium 5: Sensory integration and decision making in the on-line control of action (Lamoraalzaal)
- Symposium 6: The curious brain. (Abdijzaal)
- Talks 6: Language (Zaal 522)

13:00 – 14:00 **Lunch** (Restaurant)

13:00 – 14:00 **Meet the pros** (Lounge 2)

14:00 – 15.45 **Poster session 2** (Zuiderduinzaal)
Please take down your poster immediately after the session.

16:00 – 17:30 Special event: How to be an Academic in a World on Fire: A Hands-On Workshop (Lamoraalzaal)

17:30 – 18:00 **Coffee/tea** (Lounge 1)

18:00 – 19:00 **NVP general member meeting** (Lamoraalzaal)

19:00 – 21:00 **Dinner** (Restaurant)

21:00 – 02:00 **Disco** (Bowling)

20.30 – 22.00 **Diversity event** (Abdijzaal)

Saturday 16 December:

07:00 – 09:00 **Breakfast** (Restaurant)

Check-out before 10.30 hrs.

09:00 – 10:00 **Keynote 3: Valerie Voon** (Lamoraalzaal)
Interrogating impulsivity and the subthalamic nucleus

10:00 – 10:30 **Coffee/tea** (Lounge 1)

10:30 – 11:30 **Parallel session 5**

- Symposium 7: PhD Thesis prize & Early Career Award (Lamoraalzaal)
- Talks 7: Decision making & Emotion and motivation (Abdijzaal)
- Talks 8: Learning & Memory (Zaal 522)

11:30 – 12:00 **Coffee/tea** (Lounge 1)

12:00 - 13:00 **Keynote 4: Nienke van Atteveldt** (Lamoraalzaal)
Educational Neuroscience: time to leave the lab

13:00 - 13:15 **Poster prize awards & closing** (Lamoraalzaal)

13:15 – 14:00 **Take away lunch** (Lounge 1)

13.15 *Busses to Alkmaar train station*

END OF CONFERENCE

Floor plan



