

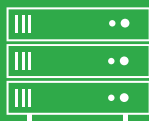


Human Brain Project
Education Programme

3RD HBP STUDENT CONFERENCE ON INTERDISCIPLINARY BRAIN RESEARCH

6-7 FEBRUARY 2019
GHENT UNIVERSITY, BELGIUM

REGISTRATION DEADLINE:
16 JANUARY 2019



@HBP_Education



@hbpeducation



HBP Education



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HBP Education Programme

The human brain is such a complex system that it can only be understood by combining knowledge and practices from multiple scientific fields. The 3rd HBP Student Conference provides an open forum for the exchange of new ideas among young researchers working across various aspects of science relevant to the Human Brain Project (HBP). The conference offers a space for extensive scientific dialogue, both intra- and interdisciplinary, among peers and faculty through a variety of discussion sessions, lectures and social events.

Conference Programme Committee:

Chairs:

Sandra Diaz-Pier | Forschungszentrum Jülich
Gabriel Urbain | Ghent University

Committee:

Marcelo Armendariz | KU Leuven
Guillaume Bellec | TU Graz
Petruț Bogdan | University of Manchester
Andrea Santuy | Universidad Politécnica de Madrid
Alexander van Meegen | Forschungszentrum Jülich

Contact Programme Committee:

studentrep@humanbrainproject.eu

Contact organisers:

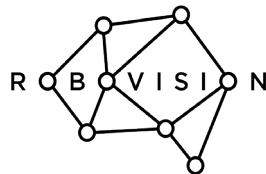
education@humanbrainproject.eu

Organisers:

HBP Education Programme Office |
Medical University Innsbruck

Further information and registration:

<http://bit.ly/HBPSC2019>



Human Brain Project

Co-funded by
the European Union



PRELIMINARY SCIENTIFIC PROGRAMME

This programme may be subject to change.

Wednesday, 6 February 2019

Keynote: Seeing and thinking with your visual brain | 60 min
[Pieter Roelfsema \(Nederlands Herseninstituut\)](#)

Keynote: Neuromorphic hardware and robotics | 60 min
[Elisa Donati \(ETH Zürich\)](#)

Student Session I | 60 min

Keynote: Representation learning with contrastive predictive coding | 60 min
[Aäron van den Oord \(Google DeepMind\)](#)

Student Session II | 60 min

Poster Session | 120 min

Keynote: Excitation, inhibition and plasticity in the cerebellar network | 60 min
[Lisa Mapelli \(Università di Pavia\)](#)



Thursday, 7 February 2019

Keynote: Neurorobotics: Robot bodies for artificial brains or brain models for robots? | 60 min

Speaker tbc

Keynote: Ethics and data governance in the Human Brain Project | 60 min

William Knight (De Montfort University)

Student Session III | 60 min

Keynote: From HPC brain models to clinical applications | 60 min

Viktor Jirsa (Université Aix-Marseille)

Student Session IV | 60 min

Poster Session | 120 min

Combine the Student Conference with a hands-on workshop day!

The Student Conference is immediately followed by a hands-on workshop day on **8 February**. In the morning, participants have the opportunity to attend a workshop to learn about strategies to boost their career. The afternoon is dedicated to a Hackathon and hands-on project work.

Attendees of the Student Conference are invited to also participate in the workshop day **free of charge**.

Registration is possible through the conference registration system. **The number of participants is limited.**

Participation information

Participation in the 3rd HBP Student Conference is open to the entire student community and early career researchers, regardless of whether they are affiliated with the HBP or not and regardless of whether they make a submission to the scientific programme or not.

We encourage all young scientists to apply and aim at an equal representation of all sexes.

Registration for the conference is required.

Fees

Online registration (until 16 January 2019):

€ 150.00 for students | € 200.00 for regular participants

On-site registration:

€ 200.00 for students | € 250.00 for regular participants

The fee does not include travel and accommodation.





This project has received funding from the European Union's Horizon 2020 Framework Programme for Research and Innovation under the Specific Grant Agreement No. 785907 (Human Brain Project SGA2).

humanbrainproject.eu/education