



Human Brain Project
Education Programme

2ND HBP STUDENT CONFERENCE

TRANSDISCIPLINARY RESEARCH LINKING
NEUROSCIENCE, BRAIN MEDICINE AND COMPUTER SCIENCE

14-16 February 2018
Ljubljana, Slovenia

Abstract submission deadline: 11 October 2017

Registration deadline: 31 January 2018

PRELIMINARY SCIENTIFIC PROGRAMME

as of 26 September 2017



ABSTRACT SUBMISSION DEADLINE
extended to 25 October 2017

Contact Programme Committee:
studentrep@humanbrainproject.eu

Contact organisers:
education@humanbrainproject.eu



For more information visit:
education.humanbrainproject.eu/web/2nd-hbp-student-conference



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The 2nd HBP Student Conference provides an open forum for exchange of new ideas among young researchers working across various aspects of neuroscience, brain medicine and computer science relevant to the Human Brain Project. The scope of the conference offers a plethora of opportunities for extensive scientific discussions, both intra- and interdisciplinary, among peers and faculty through a variety of discussion sessions, lectures and social events.

We invite original high-quality submissions describing innovative research in all disciplines addressing the HBP research programme. Contributions emphasising theoretical and empirical foundations as well as novel approaches to specific problems with respect to the Subprojects of the HBP are also welcome. Finally, we particularly encourage submissions with a potential to inspire the research community by introducing new and relevant problems, concepts, and ideas, even if the work is at an early stage of development.

Wednesday 14 February:

12:00 - 14:00

Registration

14:00 - 15:00

Welcome speech and introduction to the HBP

Marc-Oliver Gewaltig (EPFL)

15:00 - 16:00

Why does ICT need biology?

Isabel Fernaud (UPM)

16:00 - 16:30

Coffee break

16:30 - 17:30

Student Session I

17:30 - 18:30

Querying and exploring big scientific data

Thomas Heinis (ICL)

18:30 - 20:00

Welcome reception

Thursday 15 February:

09:00 - 10:00

What can we learn from artificial deep networks about biological brain function?

Radoslaw Cichy (FU Berlin)

10:00 - 11:00

Student Session II

11:00 - 11:30

Coffee break

11:30 - 13:00

Neuroethics in the big brain initiatives: Necessity or luxury?

Arleen Salles (UU)

13:00 - 14:30

Lunch break

14:30 - 15:30

Student Session III

15:30 - 16:30

Building and interacting with The Virtual Brain

Anthony Randal McIntosh (U Toronto)

16:30 - 18:00

Posters & coffee I

Friday 16 February:

09:00 - 10:00

Neurorobotics: Robot bodies for artificial brains or brain models for robots?

Cecilia Laschi (SSSA)

10:00 - 11:00

Student Session IV

11:00 - 11:30

Coffee break

11:30 - 13:30

Career building - parallel break-out sessions

Katharina Schiederig, Jessica Gedamu, Uta Kletzing (EAF Berlin)

13:30 - 15:00

Lunch break

15:00 - 16:30

Posters & coffee II

16:30 - 17:30

Defining visual artificial intelligence systems by computationally modelling human vision perception

Gemma Roig (MIT)

17:30 - 18:00

Closing ceremony



Student participation information:

Participation in the 2nd HBP Student Conference is open to advanced master students, PhD students and young 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. **Registration is required.**

We offer childcare during the conference. Please indicate in the registration form if you require this service.

Seven travel grants will be available upon request for European students only (country of residence). Travel grant requests have to be sent to education@humanbrainproject.eu prior to the abstract submission deadline.

Fees:

Online registration (until 31 January 2018):

€ 90.00 for students
€ 150.00 for regular participants

On-site registration:

€ 150.00 for students
€ 200.00 for regular participants

Conference Programme Committee:

Chair:

Andrea Santuy | UPM, Spain

Committee:

Nikola Simidjievski | JSI, Slovenia
Marcelo Armendariz | KU Leuven, Belgium
Petruț Bogdan | UMAN, UK
Carlos Canova | JUELICH, Germany
Claudia Modenato | CHUV, Switzerland
Agata Mosinska | EPFL, Switzerland

Organisers:

Viktoria Tipotsch,
Theresa Rass | MUI, Austria

For further information visit:

<https://education.humanbrainproject.eu/web/2nd-hbp-student-conference/>

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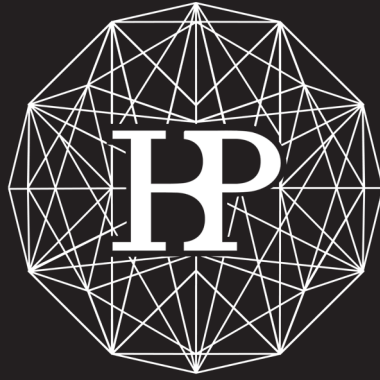


MEDIZINISCHE
UNIVERSITÄT
INNSBRUCK



Co-funded by
the European Union

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HBP Education Programme

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Contact:

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