



Human Brain Project
Education Programme

1st HBP STUDENT CONFERENCE

Transdisciplinary Research Linking Neuroscience,
Brain Medicine and Computer Science

8-10 February 2017

Campus of the University of Vienna, Austria

Abstract Submission Deadline: **7 October 2016**

Registration Deadline: **23 January 2017**

SCIENTIFIC PROGRAMME

as of 18 August 2016

This programme may be subject to change.

The 1st 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 inter-disciplinary, among peers and faculty through a variety of discussion sessions, lectures and social events.

Conference Programme Committee:

Nikola Simidjievski | JSI, Slovenia
Andrea Santuy | UPM, Spain
Miriam Menzel | FZ JUELICH, Germany
Jovan Tanevski | JSI, Slovenia
Vitali Karasenko | UHEI, Germany
Tara Mahfoud | KCL, UK

Organiser:

HBP Education Programme Office
Innsbruck, Austria

ABSTRACT SUBMISSION DEADLINE
extended to **28 October 2016**

For further information visit:

<https://education.humanbrainproject.eu/web/studentconference>



MEDIZINISCHE
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INNSBRUCK

Co-funded by
the European Union



Contact Programme Committee:
studentrep@humanbrainproject.eu

Contact Organisers:
education@humanbrainproject.eu

Scientific Programme

Wednesday 8 February:

12:00 - 14:00

Registration

14:00 - 14:30

Nikola Simidjievski (JSI, Slovenia), Alois Saria (MUI, Austria)

Welcome speeches

14:30 - 15:30

Dragi Kocev (JSI, Slovenia)

Machine learning for complex and heterogeneous neurological data

15:30 - 16:30

Student session I

16:30 - 17:00

Coffee break

17:00 - 18:00

Florian Röhrbein (TUM, Germany)

Neurorobotics in the HBP

18:00 - 19:30

Welcome reception

Thursday

9 February:

09:00 - 10:00

Mihai Petrovici (UHEI, Germany)

Form versus function: exploring the substrate of intelligence

10:00 - 11:00

Student session II

11:00 - 11:30

Coffee break

11:30 - 13:00

Christine Aicardi (KCL, UK), Tara Mahfoud (KCL, UK), tbc

The complex and conflicted ethics of collaboration - round table discussion

13:00 - 14:30

Lunch break

14:30 - 15:30

Student session III

15:30 - 16:30

Gaute Einevoll (NMBU, University of Oslo, Norway)

Neuroscience with both hands: bridging scales with mathematics

16:30 - 18:00

Poster session

Friday

10 February:

09:00 - 10:00

Anna Letizia Allegra Mascaro (UFI, Italy)

Multi-scale investigation of brain machinery with correlative microscopy

10:00 - 11:00

Student session IV

11:00 - 11:30

Coffee break

11:30 - 12:30

Kai Kummer (MUI, Austria)

Prefrontal cortex neuronal and microRNA networks - implications for pain research

12:30 - 13:00

Closing ceremony

Call for Submissions

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 eleven subprojects of the HBP are 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. Abstract submission deadline is 7 October 2016.

Participation in the 1st 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. Participation of young female investigators is highly encouraged.

Registration is required either online until 23 January 2017 or on-site. Seven travel grants will be provided upon request (European students only).

Fees:

Registration until 23 January 2017:

€ 90.00 for students

€ 150.00 for senior scientists

Registration on-site:

€ 150.00 for students

€ 200.00 for senior scientists

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