



Human Brain Project
Education Programme

3RD HBP CURRICULUM WORKSHOP SERIES
NEUROSCIENCE, ROBOTICS, AI
AND MEDICAL INFORMATICS :
NEW INSIGHTS WITH DIVERSITY & ETHICS

26-27 SEPTEMBER 2019
GRAZ UNIVERSITY OF
TECHNOLOGY, AUSTRIA

APPLICATION DEADLINE:
19 AUGUST 2019



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WORKSHOP INFORMATION

In this 2-day workshop, scientists from different fields like neuroscience, robotics, AI and medical informatics will provide you with insights on how they consider variables such as sex, gender, age etc. as well as ethics in their concepts and practical applications. This workshop addresses researchers and students who want to share experiences and gain innovative insights from cross-science perspectives and learning useful tools for diversity and ethics in research.

Application information

Application is open to the entire student community and early career researchers, regardless of whether they are affiliated with the Human Brain Project or not.

A maximum of 30 participants will be selected by the Scientific Chair and the HBP Education Programme. It is aimed to offer equal opportunities regardless of gender, age, origin, etc. of early career researchers. Applicants are required to submit a CV and a motivation letter with their application.

Application deadline: **19 August 2019**

Participation fee: 250 €

The fee does not include travel and accommodation. Fees will be collected after participants have been selected.

A limited number of fee waivers are available for participants who submit an abstract for poster presentation. Participants can apply for fee waivers prior to the application deadline by sending an email to curriculum.edu@humanbrainproject.eu.

Scientific Chairs:

Karin Grasenick | convelop cooperative knowledge design gmbh

Harald Kleinberger-Pierer | convelop cooperative knowledge design gmbh

Organisers:

Sylvia Aßlaber | Medical University Innsbruck

Laura Saxer | Medical University Innsbruck

Contact:

curriculum.edu@humanbrainproject.eu

Further information and application:

<http://bit.ly/HBP-Ethics2019>



Human Brain Project



supported by:



PRELIMINARY SCIENTIFIC PROGRAMME

This programme may be subject to change.

Thursday 26 September 2019

Welcome address by the host

Robert Legenstein (University of Technology Graz)

Personalised whole-brain models: Capturing the human diversity in medical treatment and research | 60 min

Jan Fousek (Aix-Marseille University)

Robot stereotypes - What you see is not what you get | 60 min

Benedikt Feldotto (Technical University of Munich)

Data protection and data ethics: Balancing big data and data-driven research | 60 min

Simisola Akintoye (De Montfort University)

Research design: Exploring the diversity of research objects and target groups | 90 min

Karin Grasenick, Harald Kleinberger-Pierer (convelop cooperative knowledge design gmbh)

Societal impact through engagement of publics and experts in the HBP | 30 min

Sita Kotnis (The Danish Board of Technology Foundation)

Round table discussions | 60 min

Site visit | 105 min

Friday 27 September 2019

Neuroethics and philosophy in RRI | 60 min
Michele Farisco (Uppsala University)

The demystification of the robot: Why we need informed people and explainable machines | 60 min
Martina Mara (Johannes Kepler University Linz)

The role of gender in the multimodal characterisation of biological substrates of personality traits | 60 min
Alessandra Nostro (Netherlands Institute for Neuroscience)

The Human Brain Project at the half-way point | 30 min
Alois Saria (Medical University Innsbruck)

Student presentations | 30 min

A look back and forward: Diversity and ethics in the history of science | 30 min
Harald Kleinberger-Pierer (convelop cooperative knowledge design gmbh)

Poster session/voting/Social Evening | 90 min

Best Poster Ceremony | 15 min

Open discussion and closing | 30 min

ECTS information

Participants have the possibility of taking an exam related to the content of the HBP Curriculum online courses. Upon successful completion, up to **12 ECTS credits** can be awarded. The credits are awarded by the Medical University of Innsbruck / Austria (MUI). Further information on how to receive ECTS credits: www.humanbrainproject.eu/en/education/participatecollaborate/curriculum/

Poster session

A poster session is organised during the workshop. If you want to present your research in the poster session, please submit an abstract with your application. By presenting a poster you have the chance to participate in a competition to win a special price.

One participant will get the opportunity to present his / her research in a 30min student presentation. All participants can apply for this slot with a short research abstract (max. 2 pages). The best abstract will be selected based on the scientific quality and the consideration of diversity and ethics aspects. The winner will be informed as soon as possible after the application deadline. The participant selected to present his/her research topic will be listed as an ordinary speaker on the on-site programme.



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humanbrainproject.eu/education