

3rd HBP Curriculum Workshop Series - NEUROBIOLOGY FOR NON-SPECIALISTS: STUDYING THE BRAIN

1-3 July 2019, Innsbruck, Austria

<http://bit.ly/HBP-Neurobio2019>

Description

The course aims to provide an understanding of how data is generated in neuroscience and what are the challenges in the interpretation of data. In order to reach this aim, active researchers will provide insight into modern methods and aspects (including ethics) of research. This will range from histological methods over electrophysiology and EEG to behavioural experiments and protocols yielding large amounts of data, like phosphoproteomics. Moreover, lab visits will be offered to those who are not familiar with the settings of a wet lab. Attendants should understand how their training can be useful for neurobiological research and develop a common language with life science researchers.

Workshop Structure

Lectures
Tutorials
Hands-on examples
Poster session
Lab visit

Application information & Abstract submission

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. All early-career scientists are encouraged to participate and it is aimed to achieve equal representation of all sexes.

A maximum of 30 participants per workshop will be selected by the Scientific Chair and the HBP Education Programme in a competitive selection process based on academic merit. Participants are required to submit a CV and a motivation letter with their application.

Participation fee: 250 €

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

Registration fee waivers are available for a maximum of five participants. Participants can apply for fee waivers prior to the application deadline by sending an email to curriculum.edu@humanbrainproject.eu.

Please check with your supervisor how your institution can support you with regard to expenses for the attendance of the workshops. Further information about organizations offering travel support can also be found on our [website](#).

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.

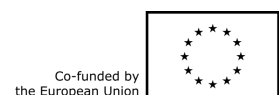
ECTS Credits

It is possible to receive up to 12 ECTS credits for the participation in the HBP Curriculum. ECTS credits are awarded by the Medical University of Innsbruck / Austria (MUI) if the following conditions are fulfilled:

- Full attendance of the workshop
- Registration for HBP online course on Neurobiology via email to curriculum.edu@humanbrainproject.eu
- Attendance of the online course(s)



Human Brain Project
Education Programme



Scientific Chair

Christoph Schwarzer | MUI

Organised by

Lisa-Marie Leichter | MUI

Upcoming Deadlines

Application deadline: 27 May 2019

Contact

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Lectures

Pawel Fidzinski - Experimental and Clinical EEG
Charité Universitätsmedizin Berlin (Charité), Germany
Sarah Genon - Models in neuroscience
Forschungszentrum Jülich (JUELICH), Germany
Manuel Guererro - Data use and ethical issues in HBP
Karolinska Institutet (KI), Sweden
Larissa Kraus - Electrophysiology
Charité Universitätsmedizin Berlin (Charité), Germany
Jeffrey Liu - Omics in neuropharmacology
Max Planck Institute (MPG), Germany
Maja Puchades - Histological methods and microscopic techniques in neuroscience
University of Oslo (UiO), Norway
Alois Saria - tbc
Medical University Innsbruck (MUI), Austria
Simone Sartori - Behavioural testing
University of Innsbruck (LFU), Austria
Christoph Schwarzer
- Introduction
- Basics of neurobiology I & II
Medical University Innsbruck (MUI), Austria
Luca Zangrandi - Cell biology methods
Medical University Innsbruck (MUI), Austria

Keywords

Neurobiology, neuroscience, cell biology, data collection, electrophysiology, data generation, Neuroinformatics Platform, Brain Simulation Platform, HBP Research Infrastructure, neuropharmacology, microscopic techniques, behavioural testing



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