2ND HBP CURRICULUM WORKSHOP SERIES
NEUROBIOLOGY FOR NON-SPECIALISTS - STUDYING THE BRAIN
4-6 JULY 2018
KALKSCHEUNE BERLIN, GERMANY
AS OF 23 MAY 2018
WORKSHOP & APPLICATION INFORMATION

The Human Brain Project Curriculum Workshops take place from 4-6 July 2018 in Berlin, prior to the FENS Forum. All workshops are held in parallel.

Applications are open to the entire student community and early career researchers, regardless of whether they are affiliated with the Human Brain Project or not. Applications from young female investigators are highly encouraged.

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.

Applicants selected for participation will be informed within three weeks after the application deadline.

**Participation fee: 250,00 €**

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 per workshop. Participants can apply for fee waivers prior to the application deadline by sending an email to curriculum.edu@humanbrainproject.eu.

**Application is mandatory.**

For more information visit:
https://education.humanbrainproject.eu/web/2nd-hbp-curriculum-workshop-series

TARGET GROUP

The workshops address **early career researchers** who want to gain knowledge outside their area of specialisation or who are interested in learning about ethical challenges or intellectual property rights.

ABSTRACT SUBMISSION INFORMATION

A joint poster session is organised on the evening of 5 July. If you want to present your research in the poster session, please submit an abstract with your application.
HBP CURRICULUM

The HBP Curriculum on Interdisciplinary Brain Science combines web-based distance learning courses and face-to-face workshops that provide basic lessons in the HBP core fields neuroscience, medicine and ICT as well as the complementary subjects of ethics and intellectual property rights.

Further information:
https://education.humanbrainproject.eu/web/hbp-education-portal/hbp-curriculum

NEUROBIOLOGY FOR NON-SPECIALISTS - STUDYING THE BRAIN

This workshop addresses especially early career researchers who are not familiar with the field of neurobiology and/or neuroscience. It covers topics from basic neurobiology over cell biology and electrophysiology to big data handling. A major aspect will be the challenges of data collection and interpretation in a highly complex system.

Scientific Chair:
Christoph Schwarzer | MUI

Organisers:
Alois Saria, Elisabeth Wintersteller, Lisa-Marie Leichter | MUI

For inquiries please contact:
curriculum.edu@humanbrainproject.eu

This programme may be subject to change.
WEDNESDAY 4 JULY 2018

08:00 - 09:00  Registration

09:00 - 09:15  Introduction

09:15 - 10:00  Basics of neurobiology I
                Christoph Schwarzer | MUI

10:00 - 10:30  Coffee break

10:30 - 12:00  Basics of neurobiology II
                Christoph Schwarzer | MUI

12:00 - 13:00  Lunch break

13:00 - 15:00  Histological methods and microscopic techniques in neuroscience
                Maja Puchades | UiO

15:00 - 15:30  Coffee break

15:30 - 17:30  Lab visits Experimental Neurology Department
                Charité

18:00 - 21:00  Social evening
THURSDAY 5 JULY 2018

08:30 - 10:00  Cell biology methods
               Team Dorette Freyer | Charité

10:00 - 10:30  Coffee break

10:30 - 12:00  Electrophysiology
               Larissa Kraus | Charité

12:00 - 13:00  Lunch break

13:00 - 15:00  Experimental and clinical EEG
               Pawel Fidzinski | Charité

15:00 - 15:30  Coffee break

15:30 - 17:00  Neuropharmacology
               Alexandra Koschak | LFU

17:00 - 18:00  Data use and ethical issues in HBP
               Manuel Guerrero | KI

18:00 - 20:00  Poster session
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>08:30 - 10:00</td>
<td>Models in neuroscience</td>
<td>Sarah Genon</td>
<td>JUELICH</td>
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<tr>
<td>10:00 - 10:30</td>
<td>Coffee break</td>
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<tr>
<td>10:30 - 12:00</td>
<td>Behavioural testing</td>
<td>Simone Sartori</td>
<td>LFU</td>
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<td>12:00 - 13:00</td>
<td>Lunch break</td>
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<tr>
<td>13:00 - 14:30</td>
<td>Emics in Neuropharmacology</td>
<td>Jeffrey Liu</td>
<td>MPG</td>
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<td>14:30 - 16:00</td>
<td>HBP Neuroinformatics Platform</td>
<td>Yann Leprince</td>
<td>CEA</td>
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