



GENERAL INFORMATION

The Human Brain Project Education Programme offers innovative teaching and training formats targeted at early career researchers working in and across the fields of neuroscience, information and communications technology (ICT) and medicine, who are interested in learning about the tools and services offered by the Human Brain Project (HBP).

Educational opportunities include non-specialist workshops, advanced schools and annual student conferences as well as specialised training for current and future users of the HBP Research Infrastructure. Distinguished scientists from within as well as outside the HBP support the programme with valuable contributions as speakers and tutors.

Target group:

- Master's-level students already carrying out research
- PhD students
- Researchers who received their doctoral degree within the past three years

Participation in HBP Education events and courses is open to the entire student and early career researcher community, regardless of affiliation with the Human Brain Project. It is aimed to achieve equal representation of all sexes.

HBP SCHOOLS

HBP Schools are advanced five-day courses that provide in-depth teaching in neuroscience, ICT and brain medicine for participants with a scientific background in the respective fields.

To foster transdisciplinary education and overcome borders between research disciplines, renowned experts from the various areas discuss different perspectives on specific topics and research questions.

The scientific programme comprises lectures as well as practical exercises and tutorials on the Research Infrastructure and tools offered by the Human Brain Project. Further, complementary transdisciplinary topics such as research ethics, gender equality or the exploitation of project results are covered.

Upcoming dates and deadlines:

bit.ly/HBPSchools

Contact:

education@humanbrainproject.eu

HBP STUDENT CONFERENCES

The annual HBP Student Conference, organised by early career researchers for early career researchers, aims to encourage collaboration and scientific exchange across the fields of neuroscience, brain medicine and computer science. Students and early career researchers are invited to submit abstracts of their research and make a contribution to the scientific programme.

The conference is an ideal opportunity for them to present their work and engage in extensive discussions with peers and principle investigators from within and outside the HBP.

Upcoming dates and deadlines:

bit.ly/HBPStudentConf

Contact:

education@humanbrainproject.eu

HBP CURRICULUM INTERDISCIPLINARY BRAIN SCIENCE

The HBP Curriculum on Interdisciplinary Brain Science combines web-based distance learning courses and complementary face-to-face workshops. It provides basic lessons in the HBP core fields neuroscience, medicine and ICT for early career researchers outside their area of specialisation, as well as courses on the subjects of ethics and intellectual property rights, translation and exploitation of research.

Participants have the possibility to receive ECTS credits by taking an exam related to the content of the courses. ECTS credits are awarded by the Medical University of Innsbruck (MUI) if the following conditions are fulfilled:

- Registration for HBP Online Course on Interdisciplinary Brain Science
- Attendance of the online course(s)
- Full attendance of one annual workshop
- Successful completion of exam(s)

In total, it is possible to achieve a maximum of 10 ECTS credits for all 5 courses available.

Upcoming dates and deadlines:

bit.ly/HBPCurriculum

Contact:

curriculum.edu@humanbrainproject.eu

YOUNG RESEARCHERS EVENTS & INFRASTRUCTURE USER TRAINING

Young Researchers Events provide a setting for the HBP Research Infrastructure to present the Project's tools and results to early career scientists and future users.

In addition, more specific Infrastructure User Training courses provide hands-on training in the use of the various services and tools offered by the Human Brain Project.

Further information:

bit.ly/HBPYRE

Contact:

education@humanbrainproject.eu

E-LIBRARY & ONLINE COURSES

At all HBP Education Programme events and activities, video material is collected to make the contents available to the entire scientific community. Lectures and student talks as well as supporting material, such as pictures, presentation slides and abstracts, are available on the HBP Education website and in the E-Library.

In addition, some of the material is used to develop Massive Open Online Courses (MOOCs), free web-based distance learning programmes that combine lectures, tutorials and exercises that give a broad overview of the latest tools and techniques.

HBP Education E-Library:

bit.ly/HBPEDuE-Library

MOOC:

bit.ly/HBPOnlineCourse

HBP LAB VISIT OPPORTUNITIES

Lab visits are an excellent opportunity for early career scientists to develop new technical or conceptual expertise for implementation in their own research as well as their home institute's research programme.

The HBP Education Programme has compiled a constantly growing directory of lab visit opportunities offered by HBP partners.

HBP Lab visit directory:

bit.ly/HBPLabVisits

Applications are handled directly by the hosting laboratories.

FURTHER USEFUL LINKS

- The Human Brain Project:
<https://www.humanbrainproject.eu>
- SCOPE support for Partnering Projects members:
<http://bit.ly/HBPSCOPE>
- Open Calls for Expression of Interest:
<http://bit.ly/HBPOpenCalls>
- HBP Sponsorship Opportunities:
<http://bit.ly/HBPSponsorship>

