

Call Text: Scientific lead for the next HBP School (winter 2020/21)

Through this Call for Expressions of Interest (CEoI), the HBP Education Programme is looking to identify the Scientific Chair (from within or outside the HBP) to take over the scientific lead of the next HBP School in winter (December - March) 2020/21.

The Human Brain Project

The Human Brain Project (HBP, <https://www.humanbrainproject.eu/>) is an ambitious 10-year research initiative, and part of the EU FET Flagship programme. The Project's unique goal is to interconnect computer science, medicine and neuroscience to accelerate the understanding of the human brain and its diseases, and to harness that knowledge to the benefit of society. To achieve this, the Project has built EBRAINS (<http://ebrains.eu>) - the world's first integrated ICT infrastructure for brain research and development, offering growing capabilities in neuroinformatics, brain simulation, medical informatics, neuromorphic computing and neurorobotics, underpinned by high-performance analytics and computing.

The HBP Education Programme

The HBP Education Programme¹ is an interdisciplinary teaching programme offering innovative training formats for early-career researchers working in and between the fields of neuroscience, ICT, and medicine. The programme especially targets advanced Master students, PhD students and early post-doctoral researchers. It currently comprises various formats:

- HBP Curriculum: A combination of distance learning courses and complementary face-to-face workshops
- HBP Schools: Advanced trainings that provide in-depth lectures and tutorials
- HBP Student Conferences: A platform for collaboration and scientific exchange between early-career scientists
- HBP Infrastructure Training events: Hands-on training in the use of the various services and tools offered by the HBP
- Young Researchers Events: Introductory format to introduce participants to the Research Infrastructure offered and developed by the HBP
- HBP Education Programme E-Library: Educational video material publicly available

HBP Schools

HBP Schools are 5-day courses providing advanced lectures and tutorials on specific questions and challenges from an interdisciplinary point of view, to help break down barriers between different disciplines. HBP Schools target the following groups (regardless of affiliation with the HBP or not):

- Master students already carrying out research
- PhD students
- Researchers who have received their doctoral degree within the past three years at the time of their application for training

HBP Schools are lecture-based formats with additional training elements for certain techniques (e.g. software) and soft skills at an appropriate venue.

¹ <https://humanbrainproject.eu/education>