



Human Brain Project
Education Programme

7TH HBP STUDENT CONFERENCE

ON INTERDISCIPLINARY BRAIN RESEARCH

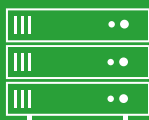
18–20 JANUARY 2023

REY JUAN CARLOS UNIVERSITY MADRID, SPAIN

ABSTRACT SUBMISSION DEADLINE:
3 OCTOBER 2022

EARLY-BIRD REGISTRATION DEADLINE:
1 DECEMBER 2022

LATE REGISTRATION DEADLINE:
4 JANUARY 2023



The human brain is such a complex system that it can only be understood by combining knowledge and practices from multiple scientific fields. The 7th HBP Student Conference on Interdisciplinary Brain Research provides an open forum for the exchange of new ideas among early-career researchers working across various sciences relevant to the Human Brain Project (HBP). Attendees will be exposed to the data-driven and multidisciplinary brain research approach of the HBP and have the opportunity to use the EBRAINS platform. The conference offers a space for extensive scientific dialogue, both intra- and interdisciplinary, among peers and faculty through a variety of discussion sessions, lectures, workshops & hands-on training sessions and social events. It will take place as on-site event, organised and supported by the HBP Education Programme.

CALL FOR SUBMISSIONS

We invite original, high-quality submissions describing innovative research from all disciplines addressed in the HBP. These contributions can emphasize theoretical or empirical works relating to a wide spectrum of fields, including but not limited to neuroscience, computer science, robotics, medicine, psychology, cognitive science or philosophy. We particularly encourage submissions with a potential to inspire collaboration in the research community by introducing new and relevant problems, concepts, and ideas, even if the work is at an early stage of development.

Abstract submission deadline: 3 October 2022

REGISTRATION

Participation in the 7th HBP Student Conference is open to the entire student community and early career researchers, regardless of whether they are affiliated with the HBP or not. Participants are also welcome to participate without contributing to the scientific programme. We encourage all young scientists to register and aim for an equal representation of all genders.

Registration is mandatory and can be made via the conference website.

Early-bird registration deadline: 1 December 2022

Late registration deadline: 4 January 2023

Conference Programme Committee:

Chairs:

Tabea Kirchner | Forschungszentrum Jülich
Paschal Ochang | De Montfort University

Committee:

Nicolás Cano-Astorga | Cajal Institute
Joana Covelo | August Pi i Sunyer Biomedical Research Institute
Sandra Díaz | Forschungszentrum Jülich
Carmen Lupascu | Italian National Research Council
Taylan Özden | Technical University of Darmstadt
Jens Egholm Pedersen | KTH Royal Institute of Technology
Sergio Plaza | Cajal Institute
Giuliano Santarpia | Forschungszentrum Jülich
Alper Yegenoglu | Forschungszentrum Jülich

Organisers:

HBP Education Programme Office |
Medical University Innsbruck

Local host:

Óscar David Robles Sánchez | Rey Juan Carlos University
Susana Mata | Rey Juan Carlos University
Luis Pastor | Rey Juan Carlos University

Contact:

education@humanbrainproject.eu

Conference website:

www.humanbrainproject.eu/education/HBPSC2023

Confirmed Keynote speakers:

Helen Barbas | Boston University, United States
Javier de Felipe | Cajal Institute, Spain
Viktor Jirsa | Aix-Marseille University, France
Emre Neftci | Forschungszentrum Jülich, Germany
Gaia Novarino | Institute of Science and Technology, Austria

Confirmed Workshop topics:

- Visualization and modelling tools for neuroscience on EBRAINS
- Using EBRAINS for your scientific research question
- Bio-inspired deep learning with PyTorch and Norse
- Responsible brain research: Addressing dual use of concern and misuse issues
- What shapes the brain? About the importance of considering diverse variables in brain research and related fields
- Scientific writing

Session formats:

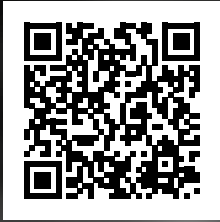
- Keynote lectures
- Student Sessions
- Poster Sessions
- Networking Sessions
- Ask me Anything

A detailed programme schedule will be released soon. Check out the conference website for up-to-date information.



humanbrainproject.eu/education





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humanbrainproject.eu/education-training-career



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