



Human Brain Project

Co-funded by
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YOUNG RESEARCHERS EVENT

EBRAINS - A PLATFORM FOR COLLABORATION IN DIGITAL NEUROSCIENCE

Belgrade, Serbia
9 July 2019

SCIENTIFIC PROGRAMME



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The human brain is a multi-level and highly complex system that produces, processes and transmits information in an incomparable manner. Researchers and scientists from all over the world strive to decode the mechanisms underlying this unique system.

The European Human Brain Project plays a pioneering role in neuroscience research, uniting experts from various fields in the aim to build a collaborative platform for computational neuroscience.

Scientific Chairs

Katrin Amunts | HBP Scientific Research Director

Jan Bjaalie | HBP Infrastructure Operations Director

Nebojša Lalić | Dean University of Belgrade, Faculty of Medicine

Tatjana Pekmezović | Vice Dean University of Belgrade, Faculty of Medicine

Aleksandar Maliković | University of Belgrade, Faculty of Medicine

Programme Committee

Katrin Amunts | Forschungszentrum Jülich, Germany

Jan Bjaalie | University of Oslo, Norway

Aleksandar Maliković | University of Belgrade, Faculty of Medicine, Serbia

Sandra Diaz | Forschungszentrum Jülich, Germany

Martina Schmalholz | Heidelberg University, Germany

Gabriel Urbain | Ghent University, Belgium

Organisers

HBP Education Programme Office

Contact:

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Further information:

bit.ly/HBPYRE19

08:30 - 09:00	Registration
09:00 - 09:10	Welcome note by the event chairs Tatjana Pekmezović University of Belgrade
09:10 - 09:30	Welcome and introduction to the European Human Brain Project Katrin Amunts Forschungszentrum Jülich
09:30 - 10:00	EBRAINS – towards a European research infrastructure Jan Bjaalie University of Oslo
10:00 - 10:30	Coffee break
10:30 - 11:00	The visual cortex: When structure meets function Aleksandar Maliković University of Belgrade
11:00 - 11:20	Microanatomy of the brain: A critical step to model neuronal circuits Marta Turégano Universidad Politécnica de Madrid
11:20 - 11:40	Introduction to the Collaboratory Jonathan Villemaire-Krajden École polytechnique fédérale de Lausanne
11:40 - 12:00	Introduction to the Knowledge Graph David Kunzmann École polytechnique fédérale de Lausanne
12:00 - 13:00	Lunch break
13:00 - 14:30	Parallel hands-on sessions, pt. I
14:30 - 16:00	Parallel hands-on sessions, pt. II <ul style="list-style-type: none"> Hands-on session I: Open Science: How to Camilla Blixhavn & Jan Bjaalie University of Oslo Hands-on session II: Simulation in neuroscience Alexander Peyser Forschungszentrum Jülich Hands-on session III: The HBP Human Brain Atlas: Integration and visualisation of heterogeneous neuroscience data Lyuba Zehl & Kai Kiwitz Forschungszentrum Jülich/Heinrich Heine University Düsseldorf
16:00 - 16:30	Coffee break
16:30 - 16:45	Ethics in neuroscience research Simisola Akintoye De Montfort University
16:45 - 17:00	Hands-on career development: Insights into supportive measures of the HBP Facilitator: Karin Grasenick convelop
17:00 - 17:30	Round-table discussion: Feedback session on experiences with the HBP Infrastructure Young researchers: Isidora Banjac Radmila Perić Joko Poleksić University of Belgrade Senior researchers: Katrin Amunts Jan Bjaalie Aleksandar Maliković
17:30 - 18:00	Cognition and motion: Space to be fulfilled (Guest lecture - open for the public) Vladimir Kostić University of Belgrade



This project has received funding from the European Union's Horizon 2020 Framework Programme for Research and Innovation under the Specific Grant Agreement No. 785907 (Human Brain Project SGA2).

humanbrainproject.eu/education