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 PROGRAMME**

**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:**
education@humanbrainproject.eu

**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
• 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:
Katrín 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
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humanbrainproject.eu/education