



Human Brain Project



EBRAINS



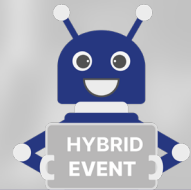
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# YOUNG RESEARCHERS EVENT

## YOUNG RESEARCHERS EVENT MEETS HIBALL: NEW DIGITAL TOOLS TO STUDY THE BRAIN

25 October 2022  
Zadar, Croatia & online

Registration deadline: 4 October 2022



## ABOUT THE EVENT

The human brain is a multi-level and highly complex system that produces, processes and transmits information in an incomparable manner. The Human Brain Project (HBP) unites researchers and scientists to decode the mechanisms underlying this unique system by investigating the human brain and its diseases with the help of highly advanced ICT tools. As such, the HBP is developing **EBRAINS, the new European digital research infrastructure**, as a lasting contribution to the global science community, an open source tool that allows scientists and technology experts to seamlessly collaborate, thereby accelerating advancements in the fields of neuroscience, computing and brain-related medicine.

The Helmholtz International BigBrain Analytics and Learning Laboratory (HIBALL) is an HBP Partnering Project that aims to transform the well-known BigBrain model to its next level by reinforcing utilization and co-development of the latest AI and high-performance computing (HPC) technologies for building highly detailed 3D brain models.

## CALL FOR REGISTRATIONS

HBP and EBRAINS together with the **University of Zagreb, School of Medicine** and **HIBALL** invite the entire scientific community, in particular early career researchers, to join the forthcoming Young Researchers Event (YRE), taking place on 25th October in Zadar, Croatia and online. During this one-day free hybrid event, participants can learn more about topics like big data analytics, human brain atlas and computational neuroscience in interactive plenaries and hands-on workshops. The programme also offers networking opportunities for participants to exchange with peers as well as renowned experts.

This event will take place in conjunction with the **6th BigBrain Workshop - From microstructure to functional connectomics**. We encourage participants of the YRE to also attend the BigBrain Workshop.

**Registration deadline: 4 October 2022**

Registration is free, but mandatory.



### Programme Committee

Katrin Amunts | Forschungszentrum Jülich/  
Heinrich-Heine-Universität Düsseldorf  
Caroline Ernout | EBRAINS AISBL  
Maja A. Puchades | University of Oslo  
Goran Sedmak | School of Medicine University of Zagreb  
Andrija Štajduhar | School of Medicine University of Zagreb  
Paule-J Toussaint | McGill University/HIBALL  
Susanne Wenzel | Forschungszentrum Jülich/HIBALL

### Scientific Chair

Katrin Amunts | HBP Scientific Research Director

### Further information & registration:

<https://www.humanbrainproject.eu/en/education-training-career/YRE2022-Croatia/>

### Contact:

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### In Collaboration with



University of  
Zagreb



**HIBALL**  
HELMHOLTZ International BigBrain  
Analytics & Learning Laboratory



Human Brain Project  
Education Programme