

7th HBP Student Conference on Interdisciplinary Brain Research

PROGRAMME AT A GLANCE

18–20 January 2023
Rey Juan Carlos University – Sede Madrid-Argüelles, Spain

Time	Wednesday, 18 January 2023	Thursday, 19 January 2023	Friday, 20 January 2023
08:30 – 09:00	Registration	Registration	Registration
09:00 – 09:30	<p>Welcome & Introduction Sandra Diaz Forschungszentrum Jülich Paschal Ochang De Montfort University Local Host Representative Rey Juan Carlos University</p>	<p>Parallel Workshops:</p> <p>Workshop I (Room 603): Now you see it more! Hands-on Visualisation and modelling tools for neuroscience on EBRAINS Óscar David Robles Sánchez, Susanna Mata University Rey Juan Carlos Madrid Sandra Diaz Forschungszentrum Jülich</p> <p>Workshop II (Room 502): Responsible Brain Research: Addressing dual use of concern and misuse issues Inga Ulnicane De Montfort University Manuel Guerrero Uppsala University</p> <p>Cancelled! - Workshop III (Lecture Hall): What shapes the brain? About the importance of considering diverse variables in brain research and related fields Karin Grasenick convelop cooperative knowledge design gmbh</p> <p>Excursion (National History Museum): A visit to the Cajal Legacy: approaching the early steps of modern neuroscience</p>	<p>Parallel Workshops:</p> <p>Workshop IV (Room 502): Bio-inspired deep learning with Norse and PyTorch Jens E. Pedersen, Harini Sudha Jembu KTH Stockholm Christian Pehle University of Heidelberg</p> <p>Workshop V (Room 603): Tools and workflows for realizing your scientific use cases in EBRAINS Claudia Bachmann, Marissa Diaz Pier Forschungszentrum Jülich Sofia Karvounari, Eleni Mathioulaki Athena Research Center</p> <p>Workshop VI (09:00 – 10:00, Lecture Hall): Responsible Brain Data Governance: Ethical and Legal Considerations Damian Eke, William Knight, George Ogoh De Montfort University</p> <p>Workshop VII (10:15 – 11:30, Lecture Hall): How to translate your research results to the scientific, industrial, and clinical markets? Practical insights on entrepreneurship, business models, and funding-related strategies Blanca Beltrán, Alejandro Fernández, Guillermo Velasco Universidad Politécnica de Madrid Javier Mínguez Bitbrain</p> <p>Excursion (National History Museum): A visit to the Cajal Legacy: approaching the early steps of modern neuroscience</p>
09:30 – 10:30	<p>Keynote Lecture I: Brain connectomics: From Cajal to present Javier de Felipe Cajal Institute</p>		
10:30 – 11:30	Student Session I: Theoretical neuroscience		
11:30 – 12:00	Coffee Break	Coffee Break	Coffee Break
12:00 – 13:00	<p>Keynote Lecture II: Brain Communication rules for flexible behaviour Helen Barbas Neural Systems Laboratory, Boston University</p>	Student Session III: Modelling, simulation & neuro-inspired technologies	<p>Keynote Lecture V: Multiscale brain modelling for clinical translation in EBRAINS Viktor Jirsa Aix-Marseille University</p>
13:00 – 14:00	Lunch Break	Lunch Break	<p>Plenary Discussion: The future of the HBP (13:00 – 13:45) Javier de Felipe Cajal Institute Viktor Jirsa Aix-Marseille University Emre Neftci Forschungszentrum Jülich Susana Mata Rey Juan Carlos University</p> <p>Moderators: Sandra Diaz Forschungszentrum Jülich Paschal Ochang De Montfort University</p>
			Awards and Closing (13:45 – 14:00)
14:00 – 15:00	<p>Keynote Lecture III: Studying cortical development through the lens of human disorders Gaia Novarino Institute of Science and Technology Austria</p>	<p>Keynote Lecture IV: Meta-Learning in Neuromorphic Hardware with Surrogate Gradients Emre Neftci Forschungszentrum Jülich</p>	
15:00 – 16:00	Student Session II: Systems & cognitive neuroscience	Student Session IV: Medical informatics & clinical neuroscience	
16:00 – 16:30	Coffee Break	Coffee Break	Closing Reception with a guided tour of the Royal Palace in Aranjuez
16:30 – 16:50	EBRAINS: Enabling the future of brain research Paweł Świeboda EBRAINS AISBL	Ask me Anything Session	
16:50 – 18:00	Poster Session I	Karin Grasenick convelop cooperative knowledge design gmbh Viktor Jirsa Aix-Marseille University William Knight De Montfort University Michele Migliore Italian National Research Council	
18:00 – 18:20			
18:20 – 19:30	Networking Session	Poster Session II	

