

ANATOMY AND FUNCTION OF THE PREFRONTAL CORTEX ACROSS SPECIES

14 – 16 MARCH 2023
ICM, PARIS, FRANCE

EXTENDED EARLY BIRD
REGISTRATION DEADLINE:
5 NOVEMBER 2022

LATE REGISTRATION
DEADLINE:
31 JANUARY 2023

ANNOUNCEMENT

for more infos



ABOUT THE EVENT

Understanding the human brain relies for a large part on work in animal models, which necessitates a careful cross-species comparison. The prefrontal cortex (PFC) is particularly relevant in this regard as its function is poorly understood and potential cross-species differences remain highly debated. This workshop brings together experimental and computational scientists whose work allows a comparison of the anatomy and function of the PFC between species (in particular between humans, monkeys and mice). EBRAINS is uniquely suited to provide a platform to compare anatomy, physiology and behaviour between species, due to its atlases, numerous datasets, as well as the whole brain models from different species. The interactive format of the workshop will allow speakers as well as participants from largely separated fields to interact and discuss, which is expected to create novel insights as well as lead to more coherence and clarity in the relevant terminology, formats and important research directions in the field.

CONFIRMED SPEAKERS

Anatomy:

Javier DeFelipe | Cajal Institute
Huib Mansvelder | Vrije Universiteit Amsterdam
Chet Sherwood | GW Mind-Brain Institute
Suzanaerculano-Houzel | Vanderbilt University
Henry Kennedy | Stem Cell and Brain Research Institute
Marie Carlén | Karolinska Institute

Physiology:

Wim Vanduffel | KU Leuven
Mark Laubach | American University
Stefan Everling | Western University
Hendrikje Nienborg | National Eye Institute
Martha Havenith & Marieke Scholvinck | Ernst Strüngmann Institute for Neuroscience
Yang Dan | University of California

Behavior & physiology:

Pieter Roelfsema | Netherlands Institute for Neuroscience
Andreas Nieder | University of Tübingen
Sandra Reinert | Max Planck Institute for Biological Intelligence
Ann Duan | Sainsbury Wellcome Centre
Stanislas Dehaene | NeuroSpin
Jessica Cantlon | Carnegie Mellon University

Computational modelling:

Idan Segev | Edmond & Lily Safra Center for Brain Sciences
Rodrigo Cofre | NeuroPSI
Rubén Moreno Bote | University Pompeu Fabra
Jorge Mejias | Universiteit van Amsterdam
Adrienne Fairhall | University of Washington
Xiao-Jing Wang | New York University

REGISTRATION

Extended Early bird registration deadline: 5 December 2022

Late registration deadline: 31 January 2023

Registration fees:

Early Bird Registration

Student Ticket 75,00 €

Regular Ticket 150,00 €

A limited number of fee waivers is available.

Scientific Chairs:

Timo van Kerkoerle | NeuroSpin, CEA Saclay
Ruth Benavides-Piccione | Cajal Institute, CSIC & Technical University of Madrid
Alain Destexhe | NeuroPSI, CNRS, EITN

Venue address:

ICM Institute for Brain and Spinal Cord
47, bd de l'hôpital
75013 Paris - France

Contact:

workshop.edu@humanbrainproject.eu

Further information & registration:

<https://www.humanbrainproject.eu/en/education/ebrains-workshops/cross-species-PFC/>

In cooperation with:

