



What is brain connectivity?

Public part of the symposium

“Molecular imaging of brain connectivity: towards standardized nomenclature”

University Hospital, Technical University of Munich, Germany

Friday, 3rd of May 2024

09:00 – 09:15 Welcome & Introduction by the organizers

09:15 – 09:45 History of macroscale brain connectivity **Arianna Sala**, University of Liege (Belgium)

Format: 30 min talks + 5 min discussions; 1 coffee break

Moderators:

Simon Eickhoff, University of Düsseldorf, Germany

Valentin Riedl, Friedrich-Alexander-University, Germany

09:45 – 10:20 EEG/MEG **Marta Garrido**, University of Melbourne (Australia)

10:20 – 10:55 fMRI **Lucina Uddin**, University of California (USA)

Coffee break

11:10 – 11:45* dMRI **Anastasia Yendiki**, Harvard Medical School (USA)

11:45 – 12:20* sMRI **Yong He**, Beijing Normal University (China)

12:20 – 12:55 Molecular imaging **Igor Yakushev**, Technical University of Munich (Germany)

* *virtual talk*

Closed part (for members of the MCWG and invited experts)

University Hospital, Technical University of Munich, Germany

Friday, 3rd of May 2024

Format: 20 min talks + 40 min discussions; 1 coffee break

➤ 14:00 – 18:15 Modes of data analyses

Moderators:

Patric Hagmann, University of Lausanne (Switzerland)

Vesna Sossi, University of British Columbia (Canada)

Topic	Speaker	Affiliation
Data modeling: intersubject estimation	Xin Di	New Jersey Institute of Technology (USA)
Data modeling: intrasubject estimation	Sharna Jamadar	University of Melbourne (Australia)
Data analysis: region- and voxel-based	Chris Habeck	Columbia University (USA)
Data analysis: multi-modal data fusion	Vince Calhoun	GSU, GATech, Emory University (USA)

19:00 Dinner



Saturday, 4th of May 2024

➤ **09:00 – 12:00 Biological targets**

Moderators:

Alessandra Bertoldo, University of Padova (Italy)

Daniela Perani, Vita-Salute San Raffaele University (Italy)

Topic	Speaker	Affiliation
Neural activity	Silvia Caminiti	University of Pavia (Italy)
Neurotransmission	Mattia Veronese	University of Padua (Italy)
Proteinopathies	Joana Pereira	Karolinska Institute (Sweden)

➤ **12:00 – 13:30 Consensus nomenclature and outlook**

Moderators: Arianna Sala, Igor Yakushev, Silvia Paola Caminiti, Sharna Jamadar