**Brain and Brain PET 2022 - Satellite Symposium -** Glasgow UK, 28th May 2022

**PET for brain connectivity: back to the future?**

**12:30-13:00** / Registration

**13:00-13:15** / Welcome and Introduction by the organizers

**13:15-14:45 / Session #1: Interpretation of connectivity measures from static PET data**
Moderators: **Silvia Caminiti**, PhD (Adjunct Professor, Vita-Salute San Raffaele University, Italy), **Arianna Sala**, PhD (Post-doctoral Fellow, University of Liege, Belgium)

| Topic | Speaker | Affiliation |
|---|---|---|
| Glucose metabolism | Xin Di | Assist. Professor, New Jersey Institute of Technology, USA |
| Neurotransmission | Eric Guedj | Professor, Marseille University Hospital, France |
| Synaptic density | Richard Carson | Professor, Yale University, USA |

**14:45-15:00 /** *Coffee-break*

**15:00-16:30** / **Session #2: Means for validation of PET connectivity measures**
Moderators: **Joana Pereira**, PhD (Assoc. Professor, Karolinska Institute, Sweden), **Mattia Veronese**, PhD (Assoc. Professor, University of Padua, Italy)

| Topic | Speaker | Affiliation |
|---|---|---|
| Reproducibility | Eduardo Zimmer | Assist. Professor, Federal University of Rio Grande do Sul, Brazil |
| Concurrent validity | Aldana Lizarraga | PhD Candidate, Technical University of Munich, Germany |
| Covariance analyses | Christian Habeck | Professor, Columbia University, USA |

**16:30-16:45 /** *Coffee-break*

**16:45-18:15** / **Session #3: Functional/dynamic PET data for estimation of brain connectivity**
Moderators: **Richard Carson**, PhD (Professor, Yale University, USA), **Igor Yakushev**, MD (Assist. Professor, Technical University of Munich, Germany)

| Topic | Speaker | Affiliation |
|---|---|---|
| Dynamic PET | Alessandra Bertoldo | Professor, University of Padua, Italy |
| Functional PET | Sharna Jamadar | Senior Research Fellow, Monash University, Australia |
| Preclinical dynamic PET | Kristina Herfert | Professor, Werner Siemens Imaging Center, Germany |

**18:15 – 18:30**/ Conclusions and Outlook by the organizers