



[18F]FDG-PET WORKSHOP

Assessing Brain Glucose Metabolism in Patients with Disorders of Consciousness: from Acquisition to Interpretation

Sat.
2.10.21
Online
Event

Organizers: Arianna Sala, Jitka Annen, Aurore Thibaut

Speakers: Jitka Annen, Claire Bernard, Estelle Bonin, Arianna Sala, Andreas Schindele, Aurore Thibaut, Tommaso Volpi

Program --- All times are in Central European Summer Time, CEST = UTC/GMT + 2 ---

- 8:30 Welcome and Introduction to [18F]FDG-PET - A. Sala, ULiège
- 8:40 Principles of [18F]FDG Tracer Kinetics – T. Volpi, Università degli Studi di Padova
- 8:50 Patient Preparation and Setup - E. Bonin, ULiège
- 9:00 From Acquisition to Reconstructed Images: Steps and Corrections - C. Bernard, CHULiège
- 9:35 Introduction to MATLAB and SPM interfaces (**hands-on**) – A. Sala, ULiège
- 9:45 Computation of Standardized Uptake Value (SUV) Images (**hands-on**) - C. Bernard, CHULiège
- 10:00 Break
- 10:10 Image Pre-Processing (**hands-on**) - A. Sala, ULiège
- 10:50 Computation of Global Brain Standardized Uptake Value (SUV) (**hands-on**) - A. Sala, ULiège
- 11:00 SPM Maps of Relative Hypometabolism and Relatively Preserved Brain Regions (**hands-on**) - A. Sala, ULiège
- 11:40 Break
- 11:50 Quality Control (**hands-on**) - J. Annen, ULiège
- 12:00 Automating Analyses: Coffee-Break Script for Quick Analysis in Disorders of Consciousness (**hands-on**) – A. Schindele, Uniklinikum Augsburg
- 12:15 Completing the Clinical Report (**hands-on**) - A. Sala, ULiège
- 12:25 Global Standardized Uptake Value (SUV) in Disorders of Consciousness (**clinical cases**) - A. Thibaut, ULiège
- 12:40 SPM Maps of Relative Hypometabolism and Relatively Preserved Brain Regions (**clinical cases**) - J. Annen, ULiège
- 12:55 Q&A
- 13:10 Closure



Registration (free but mandatory until 25th September 2021)

<https://indico.giga.uliege.be/event/260/registrations/3/>

