

Method courses

Winter semester 2019/2020

EEG Analysis Workshop

Prof. Dr. Annekathrin Schacht

Date: November 27th

Content:

- 1) Neurophysiological bases of brain electrical activity: from neuronal currents to EEG signal;
- 2) EEG preprocessing pipeline - with real data step-by-step illustrations;
- 3) Hands-on EEG data preprocessing;
- 4) Independent Component Analysis and components tagging;
- 5) General approaches to preprocessing pipelines in MATLAB;
- 6) New frontiers in EEG recording and analysis.

Credits: 0,5

Registration: Becog@uni-goettingen.de

PsPM Workshop - A matlab suite for Psycho-Physiological Modelling*

Prof. Dr. Dominik Bach (University College London)

Date: November 13th

Content:

In this workshop participants will learn how to analyse psychophysiological data (such as skin conductance, respiration, and heart rate) via the matlab toolbox PsPM.

Credits: 0,5

Registration: rtg2070@uni-goettingen.de

* together with the RTG 2070