



German-Palestinian EEG Workshop



جامعة القدس
Al-Quds University

Tuesday, 25 April 2017

09:30 Get together, coffee and tea

–Session 1–

- 10:00 Opening remarks (Matthias Treder)
- 10:10 *Higher Education and Research in Palestine - The Profile of Al-Quds University* · **Isam Ishaq, Bärbel Stark**, Al-Quds University
- 10:30 *Building Brains in Palestine: Characterization of Cognitive Markers for The Diagnosis of Psychiatric Disorders and Prediction of Treatment Response* · **Mohammad Herzallah**, Palestinian Neuroscience Initiative, Al-Quds University
- 10:50 *Applications of BCI Technology Beyond Communication And Control* · **Benjamin Blankertz**, Neurotechnology Group, TU Berlin
- 11:10 *Role of neural oscillations in multisensory processing* · **Daniel Senkowski**, Charité, Berlin
- 11:30 *Personality Changes in Major Depressive Disorder as a Function of Comorbid Anxiety and Response to SSRIs* · **Hamza Mousa**, Charité, Berlin
- 11:50 *EEG in language production with children and adults* · **Anna Jessen**, Potsdam Research Institute for Multilingualism, University of Potsdam

12:10-13:30 Lunch break

–Session 2–

- 13:30 *Spatial filtering of EEG/MEG data* · **Olaf Hauk**, Medical Research Council, Cognition and Brain Sciences Unit

13:50

The Effect of Psychological Trauma on Feedback-Based Learning · **Mousa Mustafa**, Palestinian Neuroscience Initiative, Al-Quds University

14:10

Using classifiers as inverse models: the LDA beamformer · **Matthias Treder**, School of Psychology, University of Birmingham

14:30

Cross-frequency coupling of spontaneous brain activity estimated with bicoherence from EEG data · **Guido Nolte**, Neurophysiology and Pathophysiology, Universitätsklinikum Hamburg-Eppendorf

14:50

Dealing with trial-by-trial latency variability in event-related potentials · **Werner Sommer**, Department of Psychology, HU Berlin

15:10-16:00 Coffee and tea

–Session 3–

- 16:00 *MMN, N400, BP & Co.: Tracking language comprehension in time and space* · **Friedemann Pulvermüller**, Brain Language Laboratory, FU Berlin
- 16:20 *Altered EEG Dynamics in Major Depression: Considerations for Clinical Application* · **Matti Gärtner**, Klinik für Psychiatrie und Psychotherapie, Charité Berlin
- 16:40 *Rule and Contextual Generalization in Major Depressive Disorder: Insights into Hippocampal-Entorhinal Interaction* · **Abdul-Rahman Sawalma**, Palestinian Neuroscience Initiative, Al-Quds University
- 17:00 *Embodied Neuroscience - Problems and Solutions* · **Klaus Gramann**, Biopsychology und Neuroergonomie, TU Berlin

Room 4.044 (4th floor)
AG Neurotechnologie
TU Berlin · Marchstr. 23
10587 Berlin

