

DK Satellite Symposium to SAMBA 2024

10th July 9:00 am – 18.35 pm

Program

10th July 2024	HS Agnes Muthspiel / Unipark
8:30-9:00	Registration
9:00-09:10	Welcome
09:10-11:10 (Chair: Schabus)	<p>Wolfgang Klimesch (<i>Centre for Cognitive Neuroscience, University of Salzburg</i>): “Known and unknown aspects of EEG Sync”</p> <p>Mohamed Ameen (<i>Lab for Sleep, Cognition and Consciousness, University of Salzburg</i>): “Do we measure oscillations when we think we are measuring oscillations?”</p> <p>Michael Doppelmayr (<i>Dept. Sport Psychology, Johannes Gutenberg University Mainz</i>): “Movement prediction and inter brain synchrony in cooperative tasks”</p> <p>Matthias Tholen: (<i>Department of Psychiatry, Psychotherapy and Psychosomatics of the Paracelsus Medical University</i>) “Memory’s forgotten process: What happened to the man on the bus?”</p> <p>Elie el Rassi (<i>Donders Institute for Brain, Cognition and Behaviour, Nijmegen</i>): Beta-band frequency shifts as decision signals in prefrontal cortex</p>
11:10-11:40	Coffee break
11:40-13:20 (Chair: Höhn)	<p>Manuel Schabus (<i>Lab for Sleep, Cognition and Consciousness, University of Salzburg</i>): “The Virtual Sleep Lab - a novel method for accurate 4-class sleep staging using heart-rate variability from low-cost wearables”</p> <p>Julia Lechinger (<i>Sleep Laboratory, Center for Integrative Psychiatry, University Clinic of Schleswig-Holstein, Kiel</i>): “Effects of transcranial direct current stimulation on sleep and cognition in patients with Schizophrenia.”</p> <p>Carlotta Schneider (<i>Univ. Hospital of Psychiatry & Psychotherapy, Univ. Bern & Dept. Psychiatry, Faculty of Medicine, Univ. Geneva, Switzerland</i>): “Sleep-wake perception: new insights and clinical relevance”</p> <p>Christine Blume (<i>Centre for Chronobiology, Psychiatric Hospital Univ. Basel; Molecular and Cognitive Neurosciences, Univ. Basel, Switzerland</i>): “Unlocking the Neuronal Language of Sleep: Insights from Information-Theoretic Analyses”</p>
13:20-14:35	Lunch break

<p>14:35-16:15</p> <p>Chair (Ameen)</p>	<p>Christoph Nissen (<i>Dept. Psychiatry, Faculty of Medicine, Univ. Geneva, Switzerland</i>): "Sleep and psychiatry: update and new developments"</p> <p>Charline Peylo (<i>Dept. Psychology, University of Zurich</i>): "Neural oscillations on the go: A dynamic perspective on cognition and the brain"</p> <p>Gesa Schaadt (<i>Freie Universität Berlin, Department of Educational Science and Psychology</i>): "The association between pre- and post-natal maternal psychological wellbeing and their infants' language development"</p> <p>Florea/Angerer/Reimann/Reisenberger/Preiß (<i>Lab for Sleep, Cognition and Consciousness, University of Salzburg</i>): "The effects of maternal strain and attachment on cognitive development in newborns"</p>
<p>16:15-16:35</p>	<p>Coffee break</p>
<p>16:35-18:35</p> <p>(Chair Topalidis)</p>	<p>Paul Sauseng (<i>Dept. Psychology, University of Zurich</i>): "One to rule them all: Oscillatory brain activity as unified control mechanism for working memory and social cognition"</p> <p>Simon Hanslmayr (<i>Center for Cognitive Neuroimaging, School of Psychology and Neuroscience, University of Glasgow</i>): "How the human hippocampus stores an index for individual memory episodes"</p> <p>Eleonora Marcantoni (<i>Centre for Cognitive Neuroimaging (CCNi), School of Psychology and Neuroscience, University of Edinburgh</i>): "Closed-loop MEG and multisensory theta stimulation to improve human memory"</p> <p>Christopher Höhn (<i>Lab for Sleep, Cognition and Consciousness; Univ. Salzburg</i>): "Shining Light on the Modulation of Brain Electrophysiology during Sleep and Wakefulness"</p> <p>Michael Hahn (<i>Hertie-Institute for Clinical Brain Research, University Medical Center Tübingen</i>): "Neural population coding efficiency in the hippocampal-neocortical memory network during human and rodent sleep"</p>
<p>Starting 19:00</p>	<p>DINNER & DRINKS @ Atelier FREIRAUM (5071 Wals)</p>

*Each talk 15min talk + 5min discussion