

Day 1 Schedule - Morning: Friday June 7, 2019

8:15 – 9:00	Registration and Coffee
9:00 – 9:15	Introduction
9:15 – 10:00	Keynote - Michael Nitsche: tES and Brain Oscillations
10:00 – 11:00	<p align="center">Oral Session 1 – Electrical Stimulation</p> <p>Roya Jalali: tDCS modulates effective connectivity between thalamus, M1 and cerebellum during motor command</p> <p>Etienne Hugues: Similar propagation of stimulation responses and avalanches in implanted epileptic patients</p> <p>Debby Klooster: Dynamic effects of tDCS of functional connectivity</p> <p>Weronika Potok: tRNS increases responsivity of motor cortex via stochastic resonance: neural evidence in humans</p> <p><i>Chairs: Stefano Ferraina and Tommaso Bocci</i></p>
11:00 – 11:15	BREAK
11:15 – 12:15	<p align="center">Oral Session 2 – Magnetic Stimulation</p> <p>Maria Nazarova: Within-hand primary motor cortex somatotopy , how much could we trust the results of TMS motor mapping</p> <p>Ernest Feve: TMS based neurofeedback training allows to decode movement intentions for single fingers</p> <p>Martin Tik: AcuteTMS/fMRI response explains rTMS resting-state modulation</p> <p>Matic Princic: Emotion task as functional localiser for TMS: a 7 Tesla comparison study of MDD patients and healthy controls</p> <p><i>Chairs: Stefano Ferraina and Tommaso Bocci</i></p>
12:15 – 13:30	LUNCH

Day 1 Schedule - Afternoon: Friday June 7, 2019

13:30 – 14:15	Keynote – Risto Ilmoniemi: Future Perspectives for Closed-Loop TMS
14:30 – 15:30	<p style="text-align: center;">Ludwig Maximilians University (LMU) Symposium: Neuroimaging challenges to the field of Non-Invasive Brain Stimulation Non-Invasive Brain Stimulation</p> <p>Marine Mondino: NTBS neuroimaging network effects and predictive factors in schizophrenia and beyond</p> <p>Daniel Keeser: Individual variability of prefrontal tDCS - challenges for an individual based approach</p>
15:30 – 15:45	BREAK
15:45 – 17:15	<p style="text-align: center;">LMU Symposium: Neuroimaging challenges to the field of Non-Invasive Brain Stimulation Non-Invasive Brain Stimulation - CONTINUED</p> <p>Shun Takashi/Yuki Mizutani: SIMNIBS simulations in schizophrenic, depressive patients and healthy subjects - how to better individualize neuromodulation?</p> <p>Alexander Opitz: Towards precision neuromodulation</p> <p>Frank Padberg: Imaging NTBS goes clinical: What we have and what we need</p> <p><i>Chairs: Daniel Keeser and Frank Padberg</i></p>
17:30 – 19:30	Poster Reception – Wine & Cheese

Day 2 Schedule - Morning: Saturday June 8, 2019

8:15 – 9:00	Registration and Coffee
9:00 – 9:15	Introduction
9:15 – 10:00	Keynote – Charlotte Stagg: Using brain stimulation and neuroimaging to understand human motor plasticity in health and disease
10:00-11:00	<p style="text-align: center;">Oral Session 3 – Other Stimulation Techniques</p> <p>Karuna Subramaniam: Establishing a causal role for medial prefrontal cortex in reality monitoring</p> <p>Maciej Jedynak: Integrating dMRI structural connectivity with functional data from direct electrical stimulation</p> <p>Giulio Ruffini: Realistic modeling of macroscopic ephaptic interaction in the cortex</p> <p>Leila Ayoubian: Cortico-cortical pathological brain connectivity inferred for direct stimulations</p> <p>Chairs: <i>Simone Rossi and Antonio Mantovani</i></p>
11:00-11:15	BREAK
11:15 – 12:15	Keynote – Giacomo Koch: Clinical potential of neuromodulation in stroke and dementia
12:15 – 13:15	LUNCH and poster take down

Day 2 Schedule - Afternoon: Saturday June 8, 2019

13:15 – 14:00	Keynote – Dr. Abhishek Datta: Individualized modeling and targeting in a multi-center stroke trial
14:00 – 15:15	<p style="text-align: center;">LOC symposium – Personalized Neurostimulation Part 1 - Mechanisms of Action</p> <p>Claudio Grassi: Modulation of mouse brain cortex plasticity by direct current stimulation</p> <p>Rafael Polania: Can we study brain function with tACS</p> <p>Filippo Zappasodi: Complex system nature of the brain-body language in personalizing tES</p> <p>Paola Marangolo: Investigating language through neuromodulation back and beyond the brain: evidence from aphasia</p>
15:15 – 15:30	BREAK
15:45 – 17:00	<p style="text-align: center;">LOC Symposium: Personalized Neurostimulation Part 2 - Clinical Perspective</p> <p>Grazia Madeo: Clinical outcomes of rTMS in cocaine use disorder</p> <p>Marina De Tommaso: European Headache Federation position on non-invasive neuromodulation in chronic headaches</p> <p>Leigh Charvet: Remotely supervised tDCS: Delivering treatment at home in clinical studies</p> <p>Giovanni Assenza: Transcranial and transcutaneous neuromodulation in drug resistant epilepsy</p> <p>Chairs: <i>Franca Tecchio, Luigi Gallimberti and Simone Rossi</i></p>
17:00	Wrap Up and End of Conference