



Copenhagen Brain Stimulation Virtual Workshop 2021

'New Frontiers in Non-Invasive Brain Stimulation'

November 5th, 2021

Welcome – Hartwig Siebner		
Session 1: Connectomics and brain stimulation Chair: Anke N. Karabanov		
08.30-09.10	Andrew Zalesky	<i>fMRI-guided personalization of brain circuit stimulation site in depression</i>
09.10-09.50	Gesa Hartwigsen	<i>Probing domain-specific vs domain-global contributions of cortical areas with non-invasive brain stimulation.</i>
Discussion round		
Coffee Break		
Session 2: EEG informed TMS Chair: Mads J. Madsen		
10.30-11.10	Risto Ilmoniemi	<i>Precision stimulation with multi-channel TMS</i>
11.10-11.50	Kristoffer H. Madsen	<i>TMS-EEG-TMS – Closing the loop</i>
Discussion round		
Lunch Break		
Session 3: Target engagement and off-target effects Chair: Lasse Christiansen		
13.20-14.00	Axel Thielscher	<i>E-field modelling: In-vivo validation and its use for informing brain stimulation</i>
14.00-14.40	Aman Aberra	<i>Realistic modeling of cortical stimulation at the single cell level</i>
14.40-15.20	Angel Peterchev	<i>Towards quiet TMS</i>
Discussion round		
Coffee Break		
Session 4: Harnessing the clinical potential of precision stimulation Chair: Estelle Raffin		
16.00-16.40	Hartwig Siebner	<i>Targeted non-invasive brain stimulation in Parkinson Disease</i>
16.40-17.20	Colleen Hanlon	<i>Targeted non-invasive brain stimulation in Addiction</i>
Discussion round		
Round-up – Hartwig Siebner		

Format: 25-30 minutes of presentation followed by 10-15 minutes of questions and discussion.