

REVISED SCHEDULE

Monday, February 29

	Biophysics and computational models of neural rhythms	Session Chair: Costas Anastassiou
8:00-8:40	William Stanley Anderson	Modeling Techniques for Studies of Brain Oscillations
8:40-9:20	Gaute Einevoll	What can the local field potential (LFP) tell us about the cortical network activity?
9:20-9:40	Coffee Break	
9:40-10:20	Stephanie Jones	Biophysically Principled Computational Modeling of Human MEG/EEG Signals Reveals Novel Mechanisms of Neocortical Rhythms and Their Meaning for Function
10:20-11:00	Matthew Larkum	Active dendritic processes contribute greatly to EEG Signals"
	Role of oscillations in intra and inter area communication	Session Chair: Gabriel Kreiman
4:30-5:10	Xiao-Jing Wang	Layer-specific and frequency-dependent feedforward vs. feedback signaling in a large-scale model of monkey cortex
5:10-5:50	Miles Whittington	Spike 'replay' during gamma rhythms in models of wake and NREM sleep: A role for GABA(B) receptor-mediated synaptic plasticity
5:50-6:10	Coffee Break	
6:00-6:40	Daniel Gibson	Brief Beta Bursts Abounding in Behaving Brains
6:40-7:30		PANEL DISCUSSION

Tuesday March 1st

	Neural rhythms and cognition	Session Chair: Stephanie Jones
8:00-8:40	Tim Buschman	Neural Dynamics of Cognitive Control
8:40-9:20	Lucia Melloni	Perceptual inference and Neural oscillations: Predicting 'what' and 'when'
9:20-9:40	Coffee Break	
9:40-10:20	Bijan Pesaran	Functional inhibition gates eye-hand coordination
10:20-11:00	Gabriel Kreiman	Neural rhythms underlying interactions during flexible rule learning
	Causal roles of neural rhythms	Session Chair: Gabriel Kreiman
4:30-5:10	Laura Colgin	Spatial sequence coding differs during slow and fast gamma rhythms in the hippocampus
5:10-5:50	Costas Anastassiou	Signals, systems, psyche
5:50-6:10	Coffee Break	
6:10-6:40	Josh Siegle	Optogenetic control of rhythmic spike patterns in hippocampus and cortex
6:40-7:30		PANEL DISCUSSION