

Time	Speakers	Title / Topic
8:45 - 9	Brenda Williams	Welcome talk
Mon 9-10:30	Graupner/Pack	Correlations in the auditory cortex during spontaneous activity /Single-cell and local field potential responses in the macaque visual cortex
Mon 10:30-11	break	
Mon 11-12:30	Pouget/Beck	Neural coding and perceptual learning/ Probabilistic computation in neural circuits
Mon 12-2:15	lunch break/tour/group photo	tour 1-2 / group photo at 2
Mon 2:15-3:45	Chacron/Cohen	Neural variability and contrast coding by correlations / A link between gains, correlations, and behavior
Mon 3:45-4:00	break	
Mon 4:15-5:45	Nykamp/Fiete	When feedforward intuition deceives: the influence of connectivity motifs on synchronization in recurrent networks / Coding + dynamics necessary for good error-correction and estimation in cortical codes
Tue 9-10:30	Katz/Kay	Modeling the impact of attention on coherent cortical ensembles: decreasing temporal coding variability by increasing noise / Complementary functional and behavioral roles for olfactory beta and gamma oscillations
Tue 10:30-11	break	
Tue 11-12:30	Prinz/Rubin	Mechanisms of neuronal circuit reliability / Rhythms in central pattern generators
Tue 12:30-7:30	afternoon off	
Tue 7:30 -9:00	Ermentrout/Middleton	Heterogeneity, noise, and stochastic synchronization / TBA
Wed 9-10:30	Canolty/Kramer	Role of patterns of oscillatory local field potential (LFP) phase coupling in regulating spiking activity / Network oscillations in epilepsy, and beyond
Wed 10:30-11	break	

Time	Speakers	Title / Topic
Wed 11-12:30	Kumar/Rosenbaum/Lefebvre	Shaping magnitude and timescale of correlations with state dependent synaptic input / Using simplified integrate-and-fire models to understand how correlations propagate in neuronal networks / Driven networks of ON and OFF cells with recurrent feedback
Wed 12:30-7:30	afternoon off	
Wed 7:30-9:30	Dragoi/Kohn/Tolias	Noise correlations and layers / TBA
Th 9 - 10:30	Barreiro/Beggs	When are microcircuits well-modeled by pairwise maximum entropy methods? / Information flow in networks of cortical neurons
Th 10:30 - 11	break	
Th 11 - 12:30	Oswald/Maler	Active sampling gates temporal coding in olfactory cortex / How diversity of coding helps in discrimination of transient signals by decorrelating the responses
Th 12:30-2	lunch break	
Th 2 - 3:30	Moreno Bote/Best	Weak synchrony in circuits with finite information / TBA
Th 3:30-4	break	
Th 4-5:30	Thivierge/Averbeck	Transient synchronization in spontaneously active and activity-driven networks / Dopamine, dynamics and information in the basal ganglia
Fri 8:30-10:30	Sharpee/Paninski	Maximally informative irregularities in the retina / Inferring common input models in the retina