

## Bernstein Students and Postdocs Symposium 2009

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9:00 Registration opens

9:30-10:30 Tim Gollisch: *Neural coding in the retina*

10:30-10:50 Sebastian Philipp: *Unsupervised learning of gain-field like interactions to achieve head-centered representations*

10:50-11:10 Coffee break

11:10-12:10 Mate Lengyel: *Episodic memory: why and how -- or the powers and perils of Bayesian inference in the brain*

12:10-12:30 Chen Zhang: *Tracking objects in depth using size change*

12:30-14:00 Lunch

14:00-14:20 Maolong Cui: *Modulation of neural states in the visual cortex by visual stimuli*

14:20-14:40 Katharina Schmitz: *Applying graph theory to the analysis of functional network dynamics in visual cortex*

14:40-15:00 Camille Morvan: *Suboptimal selection of initial saccade in a visual search task*

15:00-15:20 Coffee

15:20-15:40 Matthew Chalk: *Learning what to see; expectations alter visual motion perception*

15:40-16:40 Peggy Series: *Sensory adaptation and the read-out of population codes*