

# NETI 2014 Schedule

---

Friday, April 11, 2014

- 8:30 am Registration  
9:15 am Opening Remarks and Welcome (Bill Geisler)
- Session: Active Vision and Search**
- 9:30 am Jeff Schall  
*Computational and neural mechanisms guiding gaze during visual search*
- 10:15 am Miguel Eckstein  
*Rapidly looking at faces: A sensory optimization theory*
- 11:00 am **Break**
- 11:30 am Peter Bex  
*Bridging the gulf between classical psychophysics and natural behavior*
- 12:15 pm Discussion: Bill Geisler
- 12:45 pm **Lunch**
- Session: Computation in Natural Behaviors**
- 2:00 pm Brett Fajen  
*The visual control of walking over complex terrain*
- 2:45 pm Constantin Rothkopf  
*From natural stimuli to natural tasks and back*
- 3:30 pm **Break**
- 4:00 pm Konrad Koerding  
*What is going on during natural scene search*
- 4:45 pm Discussion: Dana Ballard
- 5:15 pm Reception: Patio

Saturday, April 12, 2014

**Session: Exploiting Natural Scene Structure**

- 9:00 am Roland Fleming  
*Shape from orientation flows*
- 9:45 am Dan Kersten  
*Human cortical responses to natural images: Some puzzles and a few ideas*
- 10:30 am **Break**
- 11:00 am David Brainard  
*Color constancy in natural tasks*
- 11:45 am Discussion: Johannes Burge
- 12:15 pm **Lunch**
- 2:00 - 4:00 **Poster Sessions**
- 4:00 - 5:30 **Lab Tours**
-

Sunday, April 13, 2014

**Session: Neural Coding and Decisions**

- 9:00 am Joshua Gold  
*Drift diffusion in a dynamic world*
- 9:45 am Jonathan Pillow  
*Statistical encoding and decoding of decision-related signals from spike trains in parietal cortex*
- 10:30 am **Break**
- 11:00 am Adam Kohn  
*Spatial and temporal contextual effects in vision*
- 11:45 am Discussion: Alex Huk
- 12:15 pm **Lunch**

**Session: Neural Coding of Action**

- 1:15 pm Bijan Pesaran  
*A role for coherent neural activity in coordinating looking and reaching*
- 2:00 pm Kari Hoffman  
*Interactions of visual search and neural activity in the temporal lobe*
- 2:45 pm Ila Fiete  
*Neural codes and dynamics for representation and memory*
- 3:30 pm Discussion: Eyal Seidemann
-