



2016 Neural Computation and Engineering Connection

Thursday, January 28, 2016

CSNE - Russell Hall Suite 204, 1414 NE 42nd St.

Guest wireless access: Connect to network "University of Washington", open browser
UW NetID: event1000 Password: 25xL/64bZ/79sN

- 12:00-1:00pm Lunch and Neuroethics talk
Sara Goering, CSNE & UW Philosophy
- 1:00-1:10pm Break
- 1:10-1:15pm Welcome
Adrienne Fairhall and Tom Daniel,
Co-Directors, UW Institute for Neuroengineering
- 1:15-1:25pm General Introductions
- 1:25-1:50pm 1-slide introductions by new UWIN and Computational Neuroscience graduate and postdoctoral fellows:
Nancy Wang, Brunton and Rao labs
Ben Shuman, Steele lab
Nile Wilson, Rao and Ojemann labs
Miriam Ben-Hamo, de la Iglesia and Reynolds labs
Nick Foti, Lee and Fox labs
Kathleen Champion, Shea-Brown lab
- 1:50-2:05pm "*Enhancing Artificial Sensory Feedback while preserving recording quality*"
David Bjanec, Moritz and Smith labs
- 2:05-2:20pm "*Electrocorticographic dynamics of coordinated arm movements*"
James Wu, Ojemann and Rao labs
- 2:20-2:35pm "*Tremor detection from deep brain local field potentials*"
Brady Houston, Chizeck lab
- 2:35-2:55 Break
- 2:55-3:10pm "*Opening the hand - quantifying extension torques in healthy individuals*"
Gaurav Mukherjee, Steele lab

- 3:10-3:25pm *"How to grow a brain in silico: A simple generative model for the mesoscale connectome"*
Rich Pang, Fairhall lab
- 3:25-3:40pm *"Luminance dependent long-term chromatic adaptation"*
Joris Vincent, Buck lab
- 3:40-3:55pm *"The hippocampus and relational memory"*
Seth Koenig, Buffalo lab
- 3:55-4:10pm *"Neural representations of space in the monkey hippocampal formation"*
Yoni Browning, Buffalo and Fairhall labs
- 4:10-4:30pm Break
- 4:30-5:20pm Plenary Lecture: *"Neuromechanical principles underlying sensorimotor modularity: Implications for rehabilitation"*
Lena Ting, Georgia Institute of Technology, Emory University
- 5:20-6:45pm Poster session** and pizza

**Please note that the street doors to Russell Hall lock at 6pm. If you plan to attend the poster session, please arrive prior to 6pm.