

NSI workshop 2019
Neural mechanisms underlying behavior
Date: 11/12-11/13/2019

Program Schedule

Tuesday, November 12, 2019

13:30 Opening Remarks, [Ikue Mori](#)

Session 1:

13:40 [Eviatar Yemini](#): *NeuroPAL: A Neuronal Polychromatic Atlas of Landmarks for Whole-Brain Imaging in C. elegans*

14:25 short break

14:30 [Alon Zaslaver](#): *Calculating derivatives yet behaving irrationally - lessons from worms.*

15:15 break

15:30 [Asuka Takeishi](#): *Neural Communication that Mediates Starvation-dependent Thermotaxis Plasticity in C. elegans*

16:00 [Naoki Honda](#): *Identification of animal behavioral and learning principles by inverse reinforcement learning.*

16:30 [Shunji Nakano](#): *Valence coding of thermal stimulus by bidirectional activity of a single interneuron in C. elegans*

17:30 Mixer

Wednesday, November 13, 2019

Session 2

9:00 Session Introduction, Ryoya Tanaka

9:05 [Olena Riabinina](#): *Genetic tools to study anatomy and function of mosquito olfactory system*

9:50 short break

9:55 [Thomas Auer](#): *The making of an olfactory specialist*

10:40 break

11:00 [Matthew Paul Su](#): *Sex and species-specific differences in mosquito hearing mechanisms*

11:30 [Takashi Matsuo](#): *Drosophila prolongata as a model species of sexual selection studies.*

12:00 [Ryoya Tanaka](#): *The neural mechanisms for species-specific courtship behavior in Drosophila subobscura*

12:25 Open Discussion & Closing Remarks, [Azusa Kamikouchi](#)