
Attending HFSP-participants
Brighton: Thomas Nowotny, Alan Diamond
Tokyo: Ryohei Kanzaki, Takashi Sakurai
Tempe: Brian Smith
Konstanz: Aarti Sehdev, Paul Szyszka

Monday, July 27th

Symposium: Odor object recognition and source localization in insects
(Talks: 20 minutes + 10 minutes discussion)

13:00 – 13:10 Paul Szyszka
Presentation of the HFSP project: Odor-background segregation and source localization using fast olfactory processing

13:10 – 13:30 Paul Szyszka, University of Konstanz
High fidelity transmission of temporal stimulus cues in the insect olfactory system

13:30 – 14:00 Brian H. Smith, Arizona State University
Processing of odor mixtures in honey bees

14:00 – 14:30 Georg Raiser, University of Konstanz
Drosophila Kenyon cell responses to temporally complex odor mixtures

14:30 – 15:00 Coffee break

15:00 – 15:30 Irina Sinakevitch, Arizona State University
Chemical neuroanatomy of the antennal lobe in the honey bee Apis mellifera

15:30 – 16:00 Thomas Nowotny, University of Sussex
Exploring neural mechanisms of odor object-segregation in computational models

16:00 – 16:30 Alan Diamond, University of Sussex
A GPU-based neuromorphic classifier for chemosensing applications

16:30 – 17:00 Coffee break

17:00 – 17:30 Takeshi Sakurai, The University of Tokyo
Genetic manipulation of odorant response of the silkworm antennae

17:30 – 18:00 Ryohei Kanzaki, The University of Tokyo
Insect-robot hybrid system for evaluating the neural basis of odor-source localization

18:00 – 18:30 Open discussion

The Symposium will take place in Room M630, University of Konstanz.
Tuesday, July 28th
Meeting of HFSP-participants (Giovanni and interested people from the group are welcome!)

9:00 – 13:00 Publication plans
(planning projects, what are the expected results?, how will we interact?)

We could work on this as entire group, or in subgroups – let’s decide about the format on-site.

9:00 – 9:30 Diskussion in entire group

9:30 – 10:00 Subgroups: Szyszka & Nowotny    Smith & Kanzaki
10:00 – 10:30 Subgroups: Nowotny & Smith    Kanzaki & Szyszka
10:30 – 11:00 Subgroups: Smith & Szyszka    Kanzaki & Nowotny
11:00 – 13:00 Entire group: Report from Tandems, Diskussion.

13:00 – 14:00 Lunch
14:00 – 16:00 Interfaces
(what kind of models are we doing and how would they interact with what’s happening on the robot etc.)

16:00 – 17:00 Publicity
(website, dissemination events, twitter account, Facebook page, ???)

Evening: Tour through Konstanz, Dinner.

Wednesday, July 29th
Meeting of HFSP-participants (Giovanni and interested people from the group are welcome!)

9:00 – 11:00 Data
(what, how, how will it interact, formats, exchange, archiving, open data?, IP?)

11:00 – 13:00 Interfaces
(what kind of models are we doing and how would they interact with what’s happening on the robot etc.)

13:00 – 14:00 Lunch
14:00 – 16:00 Milestones
(discuss goals and milestones for next 6 month)
16:00 – 17:00 Plan next meetings