



Systems neuroscience of Drosophila:
From genes to circuits to behaviours

**FLiACT meeting Leuven / Beerse – Turnhout
2014, November 3-6**

Annual Meeting 2014

&

Workshops

**“Systems Molecular Biology for Neural Circuit
Analysis”**

“From Science to Industry”





FLiACT meeting Leuven / Beerse - Turnhout

3rd – 6th November, 2014

Venue: Novotel Hotel, Vuurkruisenlaan 4, 3000 Leuven, Belgien

AGENDA

3rd November

Annual Meeting 2014

- 12:00 Welcome and Lunch
- 13:00 Matthieu Louis
FLiACT Project Update
- 13:10 Samuel J. Walker
Modulation of Chemosensory Processing & Behaviour by Mating in Drosophila
- 13:30 Simon Weinberger
Genetic and evolutionary basis of sensory diversity
- 13:50 Ivan Larderet
The early visual system of Drosophila larva
- 14:10 Marianthii Karageorgi
The making of a fruit pest: Egg-laying site selection mechanisms in Drosophila suzukii
- 14:30 Rajyashree Sen
Neural control of directed walking in Drosophila melanogaster
- 14:50 Sayanne Soselisa
Anatomical and Functional Connectivity of Dorsal Cluster Neurons
- 15:10 Guangda Liu
Studying social network of Drosophila melanogaster in group-level using new tracking method
- 15:30 Break**
- 16:10 Tanmay Nath
Automated Social behavior Recognition at Low resolution

- 16:30 Valentina Ferlito
Investigating the potential for neurodegenerative diseases models in larval Drosophila melanogaster
- 16:50 Ibrahim Tastekin
Identification of new centres participating to larval chemotaxis
- 17:10 Ajinkya Deogade
Fine-grained model of the sensorimotor control underlying larval chemotaxis
- 17:30 Elie Fink
Olfactory Differentiation in the Drosophila Genus
- 17:50 Ahmed Mohamed
To go or not to go? Olfactory processing of odor features: Good vs. Bad
- 18:10 Sercan Sayin
Evaluation of Olfactory Decision-Making Dynamics
- 18:30 Scientific group discussions
- 19:30 Leaving for dinner "Faculty Club"

4th – 5th November

Systems Molecular Biology for Neural Circuit Analysis

Scientific Workshop

6th November

From Science to Industry

Entrepreneur Workshop

