



Seminar/Talk

The Neurobiology of *Drosophila* Mating Behaviours

Barry Dickson

Janelia Research Campus, Howard Hughes Medical Institute

Host: Maximilian Jösch

Mating in most animal species involves complex rituals in which males and females perform distinct behaviours. These behaviours are presumed to reflect the activity of neural circuits that are at least in part sexually dimorphic and genetically programmed. In *Drosophila*, these circuits are shaped by the fruitless (*fru*) and doublesex (*dsx*) genes, which together are expressed in ~2000 individual neurons comprising ~200 distinct cell types. I will present work that examines how these *fru*- and *dsx*-expressing neurons are organized into sexually dimorphic circuits, and how these circuits function during the fly's mating behaviours.

Friday, May 11, 2018 10:30am - 11:30am

Mondi Seminar Room 2, Central Building



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station. Please find a schedule of the ISTA Shuttle on our webpage: <https://ista.ac.at/en/campus/how-to-get-here/> The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.