Ann Kennedy, Ph. D.

Assistant Professor
Northwestern University Feinberg School of Medicine

Neural population dynamics underlying the regulation of motivated behavior

Vendredi 20 octobre 2023

12 h à 13 h

En présentiel

Pavillon Paul-G.-Desmarais | 2960, chemin de la Tour, **local 1120**

En ligne

https://umontreal.zoom.us/j/82037705482?pwd=S3A5NXJGMnhjTCtMc0o0VmduMU1mUT09

Biography

Ann Kennedy is a theoretical neuroscientist investigating neural computation and the structure of behavior. She was previously a postdoctoral researcher in the David Anderson research group at Caltech, where she worked with experimentalist lab members to characterize the dynamics of hypothalamic circuits that governs social and fear behaviors. She also worked on automated classification of social behaviors in interacting mice, with members of the lab of Pietro Perona.

She earned her PhD with Larry Abbott at the Center for Theoretical Neuroscience at Columbia University, studying neural representations and learning in two cerebellum-like structures: the electrosensory lobe of the electric fish, and the Drosophila mushroom body.

She is broadly interested in how the representation of sensory and internal variables by neural populations shapes the brain's capacity for learning, decision-making, and control of goal-directed behavior.

Entrée libre

La conférence sera présentée en anglais

Personne-ressource pour rencontrer le conférencier : Matthew Perich
matthew.perich@umontreal.ca