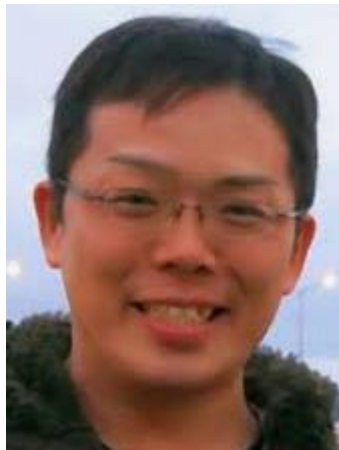




Psychiatry and Neuroscience Seminar Series 2019

Dr Hiroshi ITO

(Host V Chevaleyre/R Piskorowski)



*MPI Brain, Max Planck Institute for Brain Research, Frankfurt am
Main, Germany*

Prefrontal-hippocampal interactions for goal-directed spatial navigation

Friday May 17th, 2019, noon

Amphitheater, 102-108 rue de la santé - 75014 Paris

Dr Hiroshi ITO

Max Planck Institute for Brain Research, Frankfurt am Main, Germany

Dr ITO received an ERC grant. His group focuses on brain computation underlying spatial navigation, such as self-localization in space, estimation of a goal's location, as well as planning for the shortest route to a destination. While this ability is thought to require functional coordination across multiple brain areas, it has mainly been investigated in isolation, especially in the hippocampus or the entorhinal cortex. The aim is to better understand wider neural circuits that play a key role for goal-directed navigation.

Neurobiology

Neurophysiology

Behavioral Neuroscience

Cellular Neuroscience

Synaptic Plasticity

In Vitro Electrophysiology

In Vivo Electrophysiology