

# 242<sup>nd</sup> WPI-IIS Seminar

## Dissecting Fear Memory Circuits

Fear memory is essential for survival, enabling efficient avoidance of danger. When fear processing becomes maladaptive, however, it can impair everyday social functioning; regulating fear to an appropriate level is therefore critical. In this seminar, I will discuss cell-type-specific circuits in the amygdala that maintain adaptive fear, alongside broader neural circuit mechanisms supporting the formation and retrieval of memory.



### Dr. Kenta Hagihara

Allen Institute for Neural Dynamics

Date: **Wednesday, December 17, 2025**

Time: **11:00 – 12:00**

Venue: **1F Auditorium, IIS Building**

**\* On-site participation only**



Contact: International Institute for Integrative Sleep Medicine, University of Tsukuba  
029-853-5857 (ext.5857) | [wpi-iis-alliance@ml.cc.tsukuba.ac.jp](mailto:wpi-iis-alliance@ml.cc.tsukuba.ac.jp)