

August 19, 2024

Neurotransmitter



Visit CNUP online: <http://cnup.pitt.edu>

Neurotransmitter Schedule

The next *Neurotransmitter* will be published and mailed electronically on **Monday, September 2, 2024**. All seminar announcements and notices must be submitted to Lucas Grasha via email (CNUP@pitt.edu) **no later than 12:00 noon on Thursday, August 29, 2024**. All times listed under notices are in EDT.

Notices

Mon., 8/26 11 AM *Cellular and circuit mechanisms for precision of fear memory*

Dr. Joung-Hun Kim
Pohang University
of Science and Technology

219B Langley Hall

(Sponsored by the Department of
Neuroscience)

Tues., 9/3 1 PM *PhD Dissertation Defense
Developmental changes in mouse motor
by skill learning and cortical circuitry*

Taehyeon Kim
University of Pittsburgh
School of Medicine
Center for Neuroscience

BST S100A

(Sponsored by the Center for Neuroscience)

functions and neural coding. In this course, students will learn how to simulate and analyze model neurons and networks of neurons, and how simple neuronal networks perform computations. Students will also learn how to analyze spike train data and decode information from neural responses. We will have hands-on MATLAB practice sessions throughout the course. By the end of the course, students will be familiar with the mathematical formulations to study neural coding and network dynamics, and acquire programming skills in MATLAB. Knowledge of linear algebra, probability and differential equations is recommended, but not required.

Note: This course satisfies the CNBC certificate requirement on computation neuroscience. The registration of the graduate section will be available after 6/30/2024.

Please note about job postings:

Previously, the Neurotransmitter listed jobs and professional opportunities in this section of the newsletter. We will instead move these postings to a page on our website (<https://www.cnup.pitt.edu/job-postings>). Please check there for any existing or upcoming postings! We will host them on the website for 3 months, after which we will take them off the site. If you send us a posting and wish for it to remain up longer than that, please let us know at the end of each 3-month interval and it will remain live.

Course announcement

NROSCI 2146: Introduction to Computational Neuroscience

Time: Tu, Th 12:30 – 1:45 pm, Fall term, Instructor: Chengcheng Huang

Course description: Computational neuroscience applies theoretical and numerical techniques to understand brain