Kavli Neuroscience Symposium | 2026

Columbia University
3227 Broadway, JLG Building
5th Conference Room | 9th floor Kavli Auditorium

Monday, May 18

Time	Session
8:00 AM – 8:55 AM	**Breakfast (Fifth floor)**
8:55 AM – 9:00 AM	**Opening Remarks (Fifth floor, L5.084)**
9:00 AM – 10:00 AM	**Institute Session:** KIN Yale Andrea Cuentas-Condori, *"Experience-Dependent Co-Transmission Regulates Goal-Oriented Navigation"* Evyn Dickinson, *"Hierarchical prioritization of behavior during thermal threat"* Weikang Shi, *"Behavioral and neural mechanisms of cooperation in freely moving marmosets"* Lulu (Luke) Gong, *"Principled inference of neural population dynamics across modes and timescales"*

Time	Session
10:00 AM – 10:15 AM	Discussion
10:15 AM – 11:00 AM	Break
11:00 AM – 12:00 PM	**Institute Session:** KISN Trondheim Mathias Karsrud Nordal, *Reconciling heterogeneous grid cell responses with continuous attractor models"* Bjørn Andrê Bredesen-Aa, *"Single-cell volumetric transcriptome of the adult zebrafish forebrain reveals teleost homologues of cortical and subcortical structures"* Rajat Saxena, *"A bihemispheric parahippocampal circuit mechanism drives left-right alternating theta sweeps"*
12:00 PM – 12:15 PM	Discussion
12:15 PM – 2:00 PM	**Lunch**

Time	Session
2:00 PM – 3:00 PM	**Institute Session:** KIBM UCSD Shiva Azizpour Lindi, *"A combination of plasticity rules underlies the learning of flexible goal-directed behavior"* Blake Mitchell, *"What cortical traveling waves do when the lights are off"*
3:00 PM – 3:15 PM	Discussion
3:15 PM – 4:00 PM	Break
4:00 PM – 4:30 PM	**Institute Session:** KITP UCSB Fatih Dinc, *"A geometric and dynamical theory of latent computations in biological neural networks"*
4:30 AM – 4:45 PM	Discussion
4:45 PM – 6:30 PM	Break
6:30 PM – Late	**Meeting Dinner** **(9th floor terrace, weather permitting)**

Tuesday, May 19

Time	Session
8:00 AM – 9:00 AM	**Breakfast**
9:00 AM – 10:00 AM	**Institute Session:** KIFN UCSF Jennifer Langen, *"Alternative splicing of clustered Protocadherins converts neural self-recognition to repulsion"* Naz Dundar, *"A gut-brain circuit for the control of gastrointestinal function"* Gregory Telian, *"Working hard for the sucrose? Neural representations of effort"*
10:00 AM – 10:15 AM	Discussion
10:15 AM – 11:00 AM	Break
11:00 AM – 12:00 PM	**Institute Session:** Kavli INsD- Oxford Tarick J. El-Baba, *"Building Bridges Between Synaptic Receptors, Behavior, and Disease with Mass Spectrometry"*
12:00 PM – 12:15 PM	Discussion

Time	Session
12:15 PM – 2:00 PM	**Lunch**
2:00 PM – 3:15 PM	**In Conversation:** Linda Oh, Jazz Artist-in-Residence w/ Ken Miller and Mike Shadlen **(9th floor, Kavli Auditorium)**
3:15 PM – 4:00 PM	Break
4:00 PM – 5:00 PM	**Institute Session:** Kavli NSI Rockefeller **(L5.084)** Merav Stern, *"Structured Connectivity in Neural and Social Networks"* Pyonghwa Kim, *"Temporal Coordination of Brain Networks"*
5:00 PM – 5:15 PM	Discussion
5:15 PM – 5:20 PM	**Group Photo**
5:20 PM – Onward	**Dinner off-site** / Open Evening

Wednesday, May 20

Time	Session
8:00 AM – 9:00 AM	**Breakfast**
9:00 AM – 10:00 AM	**Institute Session:** Kavli NDI Johns Hopkins **(L5.084)** Noga Mudrik, *"Learning Latent Sub-Circuits Underlying Multi-Regional Neural Dynamics"* Ahmad B. Taha, *"Cell-type-specific sustained value representations in the claustrum"* Sharlen Moore, *"Revealing abrupt transitions from goal-directed to habitual behavior"*
10:00 AM – 10:15 AM	Discussion
10:15 AM – 11:00 AM	Break
11:00 AM – 12:00 PM	**Institute Session:** KIBS Columbia Valeria Fascianelli, *"Neural Geometry Dynamics Reveal Computational Roles in Multiple Brain Regions During Decision Making"*

Time	Session
	Haozhe Shan, *“Discovering symmetries in connectomes with graph embeddings”* Salomon Muller & Xenia Gofman-Regev, *“Cerebellum and the Art of Locomotor Maintenance”*
12:00 PM – 12:15 PM	Discussion
12:15 PM	**Closing remarks/ Lunch to Go**