

Dec 15, 2022 UCSD		Winter School on Brains and Computation	
9:00-9:10 am	Maxim Bazhenov (UCSD) Introduction		
Session 1:			
9:10-9:50 am	Eric Halgren (UCSD) Cortical Co-Rippling as a Possible Substrate for Binding		
9:50-10:30am	Sara Mednick (UCI) Competitive Dynamics Underlying Sleep-Dependent Cognitive Improvement		
10:30-11:00am	Break		
Session 2			
11:00-11:40 am	Nanthia Suthana (UCLA) Hippocampal Theta Oscillations Dynamically Encode Space and Memory in Freely-Moving Humans		
11:40-12:20 pm	Mark Schnitzer (Stanford) Imaging Studies of Coding with Thousands of Neurons		
12:20-1:30 pm	Lunch		
Session 3			
1:30-2:10pm	Maxim Bazhenov (UCSD) Sleep in Biological and Artificial Networks		
2:10-2:50pm	Anton Arkhipov (Allen Institute) Bio-realistic Multiscale Modeling of Cortical Circuits		
2:50-3:20 pm	Break		
Session 4			
3:20-4:00pm	Joel Zylberberg (York University) Incorporating Neuron Models and Neural Data into Brain-like Deep Learning Algorithms		
4:00-4:40 pm	Terry Sejnowski (Salk and UCSD) Learning How to Replay Sequences		
4:40-5:00pm	Terry Sejnowski (Salk and UCSD) Closing remarks		

REGISTRATION: There is no registration fee for this conference, but pre-registration is required:
https://docs.google.com/forms/d/e/1FAIpQLSFYwwuKu4Xyn_BiB74bL3FdQCbAQxhYXSTATGczPkmk5sMHnQ/viewform?usp=sf_link

Contacts: Maxim Bazhenov (mbazhenov@ucsd.edu) - program-related questions
 Cyndi Meeves (cmeeves@ucsd.edu) - logistics questions

Location: Roth Auditorium at the Sanford Consortium (directions in link below)
<https://map.concept3d.com/?id=1005#!m/163164>

Parking instructions:

Guests may park in the East Parking Lot (P385, <https://map.concept3d.com/?id=1005#!m/620761>) at the rate of **\$3 per hour** and is subject to availability. After hours parking rate is \$1.50 per hour between the hours of 5:00pm-11:00pm, Monday through Sunday. The Consortium is not responsible for any parking ticket(s) issued to event guests.

Guests may also park at **Pangea Parking structure:**

(<https://map.concept3d.com/?id=1005#!m/237151>)

Cross North Torrey Pines Road and head north till reaching the Sanford Consortium building.

Conference guests utilizing this method will need to download the Park Mobile app, using parking code **47800**, parking rates are **\$8 per day**:

<https://transportation.ucsd.edu/visit/visitor/conference.html>

Free offsite parking is on Torrey Pines Scenic Drive and/ or at the Torrey Pines Glider Port, and is subject to availability.

COVID Guidelines:

Masking is recommended (not required) inside the Roth Auditorium.