

From Transcription Factors to Line Attractors: Celebrating 40 Years of the Anderson Lab at Caltech

Friday, April 17, 2026

Time	Speaker	Topic
8:30 to 8:45 am	Moriel, Gloria, Mariela	Welcome
8:45 to 8:55am	Paul Sternberg	Opening Remarks
Session One	Transcription Factors and Stem Cells	
8:55 to 9:05 am	Andrew Groves, <i>Chair</i>	A salacious yet sympathetic symphony of silencers, switches and stem cells
9:05 to 9:20 am	Jane Johnson	Mash1 (aka Ascl1) - A master regulator of neural development and reprogramming
9:20 to 9:35 am	Benjamin Deneen	Developmental Gliogenesis: A "Feel Good" Story
9:35 to 9:50 am	Patricia White	Neural Stem Cells and the Search for Cochlear Regeneration
9:50 to 10:05 am	Sean Morrison	Neural regulation of clinical outcomes after hematopoietic cell transplants
10:05 to 10:30 am COFFEE BREAK		
Session Two	Development, Sensory Systems, Circuits	
10:30 to 10:40 am	Zhou-Feng Chen, <i>Chair</i>	A bridge not too far: From transcriptional factors to pain, itch, and touch
10:40 to 10:55 am	Mark Zylka	Pain and autism, a scientific journey
10:55 to 11:10 am	Xinzhong Dong	A GPCR Family's Fascinating Journey from Itch and Inflammation to Cancer
11:10 to 11:25 am	Greg Suh	From Exteroceptive CO2 Sensing to Interoceptive Protein Sensing
11:25 to 11:40 am	Wulf Haubensak	A Circuit State of Mind
11:45 to 11:55 am	Group Photo	Stairs facing Wilson (west side of the Chen building)
12:00 to 1:00 pm LUNCH		
Session Three	Circuits and Systems Neuroscience	
1:00 to 1:10 pm	Brady Weissbourd, <i>Chair</i>	The evolutionary origins of David
1:10 to 1:25 pm	Nirao Shah	Molecular and neural control of social behaviors
1:25 to 1:40 pm	Dayu Lin	The neural mechanisms of female aggression
1:40 to 1:55pm	Weizhe Hong	The Neuroscience of Prosocial Behavior: From Helping and Cooperation to Social AI
1:55 to 2:10 pm	Shuo Cao	Neural control of wing & leg movements during a terrestrial social display
2:10 to 2:40 pm COFFEE BREAK		
Session Four	Systems Neuroscience and Line Attractors	
2:40 to 2:50 pm	Ann Kennedy, <i>Chair</i>	From causation to correlation: the systems neuroscience of emotional states
2:50 to 3:05 pm	Amit Vinogradt	Walking a Fine Line with David
3:05 to 3:20 pm	Hidehiko Inagaki	Persistent Activity and Testing the Attractor Hypothesis
3:20 to 3:35 pm	Jineun Kim	Flexible Survival Strategies in the Hypothalamus: interaction between nutritional homeostasis and emotion
3:35 to 4:10 pm COFFEE BREAK		
Session Five	Behind the Scenes	
4:10 to 4:30 pm	Scott Linderman	Reading Between the Lines: Inferring Latent States of the Hypothalamus
4:30 to 4:50 pm	Mark Schnitzer	Neuroscience's Rainbow
4:50 to 5:10 pm	Ralph Adolphs	What is an emotion?
5:10 to 5:20 pm	David Anderson	Moment of Silence for Qiao "Joe" Zhou
5:20 to 5:40 pm	Pietro Perona	Let the Roasting Begin!
5:40 to 5:45 pm	Moriel, Gloria, Mariela	Thank you!
THANK YOU FOR ATTENDING		