

SYSTEMS-IN-ACTION PRELIMINARY PROGRAM (MARCH 16-18 2026)

	Monday 16/3		Tuesday 17/3	Wednesday 18/3		
10:00-10:30	Registration	Pre-meeting courses	Session 2 (30'+10Q, RR)	Session 4 (30'+10Q, JW)		
10:30-11:00						
11:00-11:30			Break			
11:30-12:00			Short talks 2 (15'+5Q)	Short talks 3 (15'+5Q)		
12:00-12:30			Lunch			
12:30-13:00			Welcome			
13:00-13:30			Session 1 (30'+10Q, IPO)	Session 3 (30'+10Q, AK)	Session 5 (30'+10Q, GLB)	
13:30-14:00						
14:00-14:30	Break					
14:30-15:00	Short talks 1 (15'+5Q)	Roundtable (AK, JW)				Short talks 4
15:00-15:30	Mingle & Beers	Posters & Beers				Posters, Beers & CLOSING REMARKS
15:30-16:00						
16:00-16:30						
16:30-17:00						
17:00-17:30						
17:30-18:00						
18:00-18:30						
18:30-19:00						
19:00-19:30						
19:30-20:00						

Session 1

Michael Häusser	Illuminating links between neural circuit activity and behavior
Marie Carlen	A prefrontal cortex map based on single neuron activity
Carl Petersen	Cortical contributions to context-dependent goal-directed sensorimotor transformation

Session 2

Ole Kiehn	Motor circuits prioritizing safety-seeking
Megan Carey	Creating coordination in the cerebellum
Chris de Zeeuw	Dynamism in the Olivocerebellar System during Learning

Session 3

Matteo Carandini	Brain-wide sequences of neural activity
Tony Zador	From Connectome to Computation
Andreas Tolias	Foundational models of the brain

Session 4

Bence Ölveczky	Using neuro-biomechanical simulations to understand neural control of learned behavior.
Marta Navarrete	Discovering the Power of Activated Astrocyte Ensembles in Learning and Memory
Zachary Mainen	Serotonin and the regulation of adaptive behavior

Session 5

Gilad Silberberg	Direct Excitation of Substantia Nigra pars reticulata by Motor Cortex
Emilie Mace	Arousal engages a spatiotemporal wave of brain activity independently of tonic noradrenaline
Máté Lengyel	Uncertainty in navigation

Pre-meeting courses

Pierre Le Merre	High-density extracellular electrophysiology - methods and analysis.
Jiannis Taxis	Optical interrogation of neural circuits: An intro to 2P calcium & voltage imaging
Alex Roxin	Computational Neuroscience: Past, Present and Future
Maurizio Mattia	Digital Twins in Neuroscience: Recurrent Neural Networks as Windows into Brain Function