



CIN-NIPS-Asia Pacific Systems Neuroscience Symposium 2023 PROGRAM and REGISTRATION

The CIN is pleased to announce the 11th CIN-NIPS-Asia Pacific symposium which will be held both on-site (lecture hall of the HNO-Klinik: Elfriede-Aulhorn-Straße 5, 72076 Tübingen; see map on last page) and online on March 10 and 11, 2023. The symposium originates from a yearly bilateral tradition of strong joint interactions with the National Institute for Physiological Sciences (NIPS) in Okazaki, Japan. Over the last 4 years, the symposium has become a multi-lateral event, with contributions by additional institutions in Tübingen, Japan, and China. This year, we are very happy to welcome on site, for the first time since the pandemics, a delegation of 6 NIPS speakers, 4 speakers from Tokyo, Okinawa, and Shanghai, and 14 speakers from our Tübingen Neuro Campus community. The symposium will feature 25 presentations and a poster session covering a broad range of topics in systems neuroscience. We are looking forward to a large on-site audience and global online attendance.

The poster session still has available slots! All are welcome to submit a poster, on a “first come, first served” basis. The poster session is a great opportunity for students and junior postdocs to practice their presentation skills, particularly after such a long period without in-person meetings. Feel free to present a poster from a recent meeting or in preparation to another upcoming meeting.

For registering (on-site or online) and poster submission, as well as to receive the online attendance zoom link, please fill in this online [Registration Form](#).

For any other query, please contact us at: ziad.m.hafed@cin.uni-tuebingen.de.

The program and an access map to the lecture hall are below.

Time zones			Day 1 - Friday, March 10, 2023	
Germany	Japan	China		
8:45 AM			REGISTRATION	
9:00 AM	3:00 PM	4:00 PM	Welcome Address	
Session 1				
9:10 AM	3:10 PM	4:10 PM	Liping Wang	<i>Representation of Sequences in Human and Monkey Brains</i>
9:35 AM	3:35 PM	4:35 PM	Joachim Bellet	<i>Decoding rapidly presented visual stimuli from prefrontal ensembles without report nor post-perceptual processing</i>
10:00 AM	4:00 PM	5:00 PM	Pablo Grassi	<i>Naturalistic violation of expectations reveal hierarchical surprise responses in the human brain</i>
10:25 AM	4:25 PM	5:25 PM	Anna Levina	<i>Intrinsic timescales in the cortex and how to find them</i>
10:50 AM	4:35 PM	5:35 PM	COFFEE BREAK (10')	
Session 2				
11:00 AM	5:00 PM	6:00 PM	Andrea Burgalossi	<i>Head-direction cells and hippocampal memory</i>
11:25 AM	5:25 PM	6:25 PM	Daisuke Koketsu	<i>Working memory tasks for functional mapping of the prefrontal cortex in common marmosets</i>
11:50 AM	5:50 PM	6:50 PM	Andreas Nieder	<i>Dopamine and cellular mechanisms of cognitive control in primate prefrontal cortex</i>
12:15 PM	6:15 PM	7:15 PM	Oxana Eschenko	<i>The role of noradrenergic transmission for saliency signaling and perception</i>
12:40 PM	7:15 PM	8:15 PM	LUNCH + POSTERS (1h)	
Session 3				
1:40 PM	8:15 PM	9:15 PM	Assaf Breska	<i>Cerebellar control of attention and its cortical dynamics</i>
2:05 PM	8:40 PM	9:40 PM	Satomi Chiken	<i>Altered dynamic information flow through the cortico-basal ganglia pathways is responsible for Parkinson's disease symptoms</i>
2:30 PM	9:05 PM	10:05 PM	Kazumasa Uehara	<i>Age differences in cortical network flexibility and motor learning ability</i>
2:55 PM	9:30 PM	10:30 PM	Sungho Hong	<i>Multidimensional cerebellar computations for flexible kinematic control of movements</i>
3:20 PM	9:55 PM	10:55 PM	COFFEE BREAK + GROUP PHOTO (15')	

Session 4				
3:35 PM	10:10 PM	11:10 PM	Julia Löschner	<i>Ambient noise reveals rapid flexibility in marmoset vocal behavior</i>
4:00 PM	10:35 PM	11:35 PM	Atsushi Noritake	<i>Impaired social reward valuation by chemogenetic inhibition of the primate prefronto-hypothalamic pathway</i>
4:25 PM	11:00 PM	12:00 AM	Birgit Derntl	<i>Pregnancy and the brain</i>
4:50 PM	11:25 PM	12:25 AM	COFFEE BREAK + POSTERS (10')	
Keynote Lecture				
5:00 PM	11:35 PM	12:35 AM	Peter Thier	<i>Toward the neural basis of joint attention: studies in humans and monkeys</i>
6:00 PM	12:35 AM	1:35 AM	End of Day 1 - beer and bretzel, speakers dinner	

Time zones			Day 2 - Saturday, March 11, 2023	
Germany	Japan	China		
8:45 AM			REGISTRATION	
9:00 AM	3:00 PM	4:00 PM	INTRODUCTION DAY 2	
Session 5				
9:05 AM	3:05 PM	4:05 PM	Mayu Takahashi	<i>Saccade Trigger Brainstem Circuit – Identification of Inhibitory Neuron for Stopping OPN Activity at the Onset of and during Saccades</i>
9:30 AM	3:30 PM	4:30 PM	Tatiana Malevich and Fatemeh Khademi	<i>Dissociation between superior colliculus visual response properties and short-latency ocular position drift responses</i>
9:55 AM	3:55 PM	4:55 PM	Yong Gu	<i>Neural mechanisms underlying visual and vestibular self-motion perception</i>
10:20 AM	4:20 PM	5:20 PM	Aristides Arrenberg	<i>Motion processing across visual field locations in zebrafish</i>
10:45 AM	4:35 PM	5:35 PM	COFFEE BREAK (15')	
Session 6				
11:00 AM	5:00 PM	6:00 PM	Ramona Siebert	<i>Encoding of dynamic facial expressions in the macaque superior temporal sulcus</i>
11:25 AM	5:25 PM	6:25 PM	Hiromasa Takemura	<i>Retinotopic maps and their relationship to white matter tracts in the human brain</i>
11:50 AM	5:50 PM	6:50 PM	Zhaoping Li	<i>central-peripheral dichotomy in vision: its motivation and predictions (such as in visual illusions)</i>
12:15 PM	6:15 PM	7:15 PM	Atsushi Nambu	<i>Somatotopic reorganization of the macaque sensorimotor cortex after accidental arm amputation</i>
12:40 PM	7:15 PM	8:15 PM	End of Day 2 - Concluding remark and farewell, foreign delegation's lunch, lab visits	

The lecture hall can be reached within about 5 minutes from the Uni-Kliniken Berg bus stop. Once you reach the end point on the map below, go up the short flight of stairs to the glass door. The Uni-Kliniken Berg bus stop can be reached by buses 5, 13, 18, and 19 from the city center.

