

SYMPOSIUM

NEURONAL CELL BIOLOGY- GÖTTINGEN AND BEYOND

16.06. – 18.06.2025

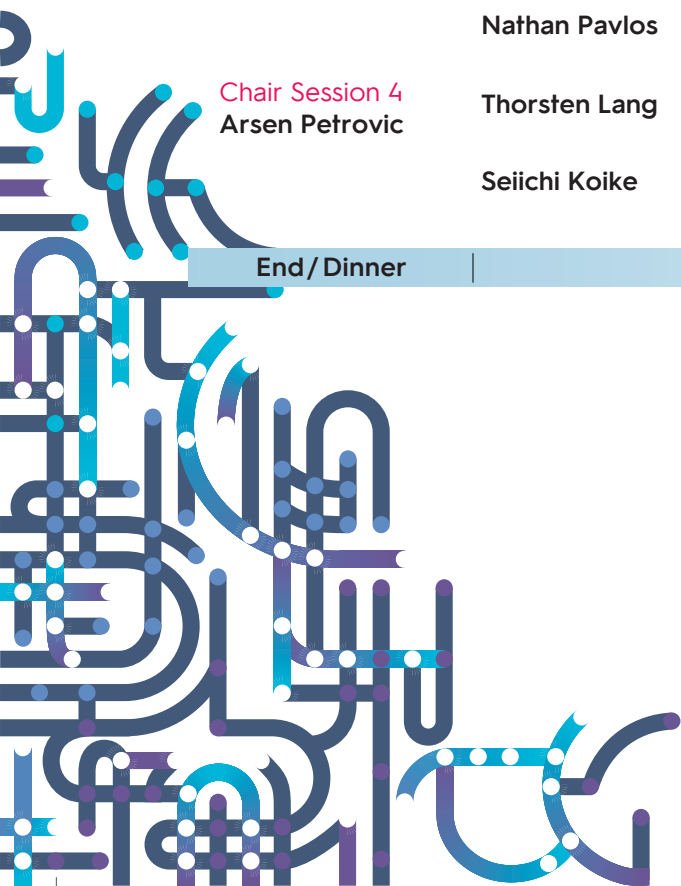
PROGRAMM

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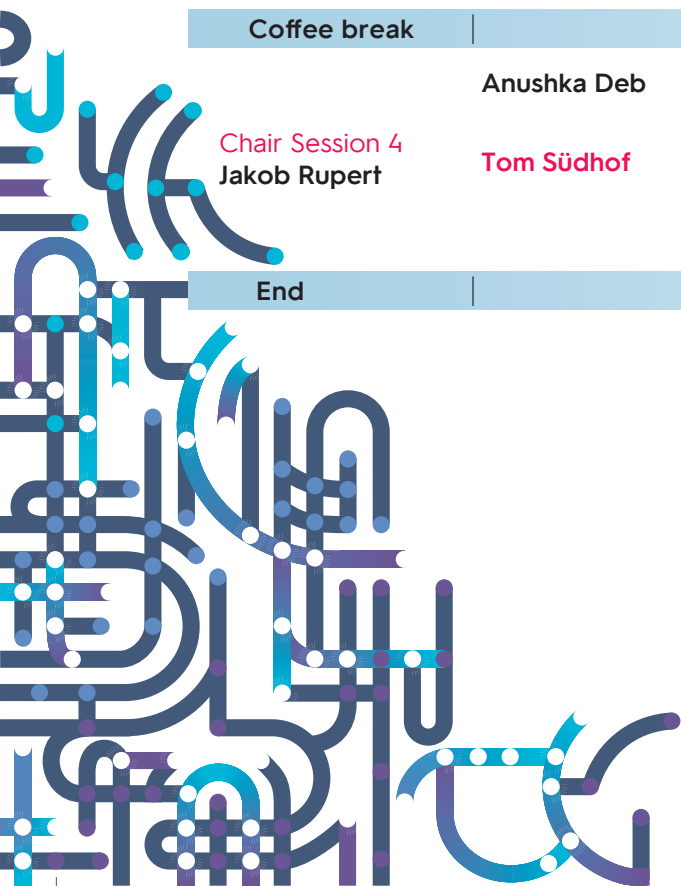
Monday 16.06.2025

	Speaker	Time	Title
Coffee area already set up			
Opening	Silvio Rizzoli	08:30	
Chair Session 1 Linda Kokwaro	Axel Brunger	08:45	Towards molecular imaging of synapses
	Agata Witkowska	09:15	Biophysical mechanisms of neuronal membrane shape regulation
	Francisco Angel Perez Lara	09:45	Deciphering the choreography of the SNARE complex assembly and disassembly
Coffee break		10:15	45 min
Chair Session 2 Eman Abbas	Ira Milosevic	11:00	Towards improving organellar acidification and genome stability in the ageing brain
	John Chua	11:30	Fezzing up transport in neurons
	Wim Annaert	12:00	On the whereabouts of presenilin/g-secretase: from location to mechanisms and relevance for Alzheimer's disease pathogenesis
Lunch/Postersession		12:30	90 min
Chair Session 3 Sofia Reshetniak	Ed Chapman	14:00	The physical properties of synaptic vesicles
	Johannes Tromm	14:30	Condensate biology of synaptic vesicles
	Erwin Neher	15:00	Some insights from studying a giant nerve terminal
Coffee break		16:00	30 min
Chair Session 4 Arsen Petrovic	Nathan Pavlos	16:30	Membrane trafficking in skeletal health & disease: lessons learned from brain-to-bone
	Thorsten Lang	17:00	Unraveling the mystery of a family of small conserved membrane proteins (the tetraspanins)
	Seiichi Koike	17:30	Advancing Science Beyond the Achievements in Göttingen
End/Dinner		18:00	



Tuesday 17.06.2025

	Speaker	Time	Title
Coffee area already set up			
Chair Session 1 Han Wang	Phyllis Hanson	08:30	Stress, rupture and repair: cellular responses to endolysosomal damage
	Geert van den Bogaart	09:00	Giant worm-shaped ESCRT scaffolds support actin-independent cell adhesion
	Dirk Fasshauer	09:30	From the origins of vesicular transport to neuronal communication
Coffee break		10:00	45 min
Chair Session 2 Cristian Bogaciu	Lukas Tamm	10:45	Dancing with the SNAREs ... on membranes: why lipids matter
	Matthew Holt	11:15	Expanding the synapse: the role of astrocytes in differential synaptogenesis
	Wolfram Antonin	11:45	How cells reform their nucleus - studies in cells and test tubes
Lunch/ Postersession		12:45	105 min
Chair Session 3 Shujin He	Shigeo Takamori	14:30	Presynaptic phosphoinositide metabolism and synaptic vesicle recycling
	Johannes W. Hell Mary Horne	15:00	Role of adrenergic regulation of the L-type Ca channel Ca _v 1.2 in attention
	Yongsoo Park	15:30	Extracellular Vesicle (EV)-mediated immune dysregulation in autism spectrum disorder (ASD)
Coffee break		16:00	30 min
Chair Session 4 Jakob Rupert	Anushka Deb	16:30	Recycling in synapses: from vesicles to the extracellular matrix
	Tom Südhof	17:00	Deconstructing synapses: from synaptic vesicles to PSDs, from neurotransmitter release to neurotransmitter reception
End		18:15	



Wednesday 18.06.2025

	Speaker	Time	Title
Coffee area already set up			
Chair Session 1 Alex Korobeinikov	Tabrez Siddiqui	08:30	Molecular logic of trans-synaptic organization
	Frederieke Moschref	09:00	Presynaptic protein synthesis - quantitative ultrastructural analysis of presynaptic ribosomes
	Pietro De Camilli	09:30	Membrane and lipid dynamics in nervous system function
Coffee break		10:30	45min
Chair Session 2 Sonja Pribicevic	Alex Stein	11:15	How the ERAD machinery integrates lipid signals to regulate membrane composition
	Gabrielle Fischer von Mollard	11:45	Endosomal SNAREs and their interaction partners
	Julia Preobraschenski	12:15	New insights into the regulatory mechanisms of synaptic vesicle fusion
Closing remarks	Reinhard Jahn	12:45	
End		13:00	

