

SFB 1286 Quantitative Synaptology

Schedule

SFB 1286 Retreat 2018

September 10-12, 2018

Victor's Residenz-Hotel Teistungenburg

Klosterweg 6-7, D-37339 Teistungen

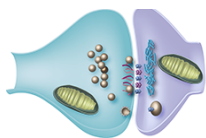
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„Victor’s Residenz-Hotel Teistungenburg“

Monday, 10.09.2018

14:00 Departure by coach, Max-Planck Institute for Experimental Medicine

14:45 Arrival Victors-Residenz Hotel Teistungenburg / Check in and Coffee

1.Session

15:20	Welcome	Silvio Rizzoli
15:30	X-ray structural investigations of synaptic vesicles (A02)	Tim Salditt
15:55	The dendrite nanomap (A03)	Eugenio Fornasiero
16:20	Ultrastructural analysis of wildtype and mutant endbulbs of Held (A04)	Anika Hintze
16:45	Correlative Microscopy of synaptic mitochondria (A05)	Felix Lange

17:10- 17:30 Coffee break

2. Session

17:30	Mitochondrial function and turnover in synapses (A06)	Peter Rehling
17:55	Subcortical cytoskeleton at synaptic site (A07)	Elisa D’Este
18:20	Phosphoproteome Changes in Isolated Nerve Terminals upon Stimulation (A08)	Ivan Silbern
18:45	The Enigma of Synaptic SUMOylation (A09)	Marilyn Tirard
19:10	Identification of protein-protein interactions in synaptosomes by cross-linking mass spectrometry (A10)	Iwan Parfentev

19:35 Dinner

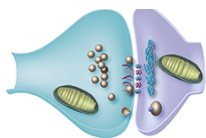
20:30 Free time / Wellness

Tuesday, 11.09.2018

08:00 Breakfast

1. Session

09:00	Calcium and redox signals in physiology and pathology	Ivan Bogeski
09:25	Imaging lipid and protein organization in neuronal membranes with secondary ion mass spectrometry (B01)	Nhu Phan
09:50	A microfluidic approach to study protein mobility in the synapse (B02)	Eleonora Perego and Verena Klüver
10:15	Molecular recognition imaging of biomembranes (B03)	Andreas Janshoff



10:40	Interaction of collybistin with PIP-containing membranes (B04)	Jonas Schäfer
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11:05 Coffee Break

2. Session

11:30	The role of RIM-BP2 in fast synaptic transmission of a central auditory synapse (B05)	Theocharis Alvanos
11:55	Synaptic RNAs - cataloging, transport & interactions (B06)	Maria Xylaki and Robert Epple
12:20	Alpha-synuclein as a mediator of mitochondrial dysfunction in the synapse (B08)	Tiago Outeiro

12:45 - 14:00 Lunch

3. Session

14:00	The dynamic interplay of different AMPAR-types during long-term synaptic plasticity (C01)	Christian Tetzlaff
14:25	Modelling Actin Dynamics in Dendritic Spines (C03)	Mayte Bonilla Quintana

14:50 Coffee Break and 10 min walk to the Grenzlandmuseum for PhD Students and PostDocs

15:30 1 h guided tour of the Grenzlandmuseum for PhD Students and Postdocs
[\(http://www.grenzlandmuseum.de/\)](http://www.grenzlandmuseum.de/)

15:30 Members Meeting for all PI's

17:00 Poster Session (all together)

19:00 Dinner and get-together

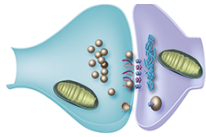
Wednesday, 12.09.2018

08:00 Breakfast

1. Session

09:00	Presynaptic ultrastructure-function relationships resolved by electron tomography (A01)	Ben Cooper
09:25	Cytoskeletal alterations contributing to synapto-axonal dysfunction in PD (B09)	Carmina Warth and Paul Lingor

09:50 Coffee Break



2. Session

10:30	Nanobodies reveal an extra-synaptic population of SNAP-25 and Syntaxin 1A in hippocampal neurons	Felipe Opazo
10:55	Multimodal data integration in quantitative synaptology: a status update (Z02)	Stefan Bonn
11:20	Synaptic vesicle release and information transmission under diverse stimulation regimes	Viola Priesemann
11:45	Closing Remarks	Silvio Rizzoli

12:00 Lunch

13:30 Departure by coach

14:15 Arrival in Göttingen