

Pre-Conference Workshop (SFB 1027 Status-Seminar), Tuesday 8.10.2019

Project	Time	Speaker	Title
	8:50 - 9:00	Rieger	- Coffee, Opening -
A1	9:00 - 9:20	Kruse	Cytoskeletal self-organization and cell signalling
A2	9:20 - 9:40	Qu/Hoth	Dynamics of T cell polarization
A3	9:40-10:00	Rieger	Physical processes during T cell activation, polarization and killing
A6	10:00-10:20	Schmitt	KDEL receptor clustering at the mammalian cell surface
A7	10:20-10:40	Shaebani	Stochastic approach to active transport in biological environments
	10:40-11:00		- Coffee -
A8	11:00-11:20	Diez/Santen	Motor-driven Transport of Intracellular Cargo: Cooperativity and Control
A9	11:20-11:40	Lautenschläger	Cell cortex structure and dynamics before, during, and after adhesion
B1	11:40-12:00	Santen/Jacobs	Modeling biofilms - proteins and bacteria
B2	12:00-12:20	Jacobs/Bischoff	Bacterial adhesion and biofilm formation: Physical processes at interfaces
B3	12:20-12:40	Hannig	Bio-inspired control of oral biofilms: Pellicle management on dental surfaces
	12:40-14:00		- Lunch -
B4	14:00-14:20	Seemann/Fleury	Microfluidic Platform to Study the Transport Properties of Model Cell Membranes
B6	14:20-14:40	del Campo	Dynamics of ligands and forces in T cell activation
B7	14:40-15:00	Hub	Molecular dynamics simulation of large-scale transitions at membranes and interfaces
C1	15:00-15:20	Ott	Physical approach to binding and error in competing molecular environments
C3	15:20-15:40	Helms	Cellular Reorganization upon State Transitions
	15:40-16:00		- Coffee -
C4	16:00-16:20	Niemeyer/Bogeski	Calcium-Redox feedback loop in immune cells: New players and regulatory mechanisms
C5	16:20-16:40	Bruns/Mohrman	The role of protein-lipid interactions in fast Ca ²⁺ -triggered exocytosis
C6	16:40-17:00	Böckmann	Cooperative Action of SNARE Peptides in Fusion
C7	17:00-17:20	De Jonge/Niemeyer	Determination of ORAI channel subunit stoichiometry by visualizing single molecules
C9	17:20-17:40	Schrul	Lipid droplet formation
IRTG	17:40-17:50	Jacobs/Hähl	Integrated research training group
			- Coffee -
ALL	18:00-19:00		Member assembly (Mitgliederversammlung)