

Time	Monday, September 16	Tuesday, September 17	Wednesday, September 18	Thursday, September 19	Friday, September 20
09:20	Boat departing at 9:00 Welcome	Boat departing at 9:00 James Schuck	Boat departing at 9:00 Frank Jäckel	Boat departing at 9:00 Jeremy Baumberg	Boat departing at 9:00 Karl-Peter Hopfner
09:30	David Awschalom Beyond Electronics: Abandoning Perfection for Quantum Technologies	Nano-optical probes: Opening doors to previously-inaccessible parameter spaces	Photocatalytic solar fuel generation with colloidal nanocrystal	Plasmonics in the sub-nanometre & quantum domains	Nanomachines in the innate immune sensing of viral nucleic acids
10:15	Stan Leibler Quantitative biology: there's plenty of room at the top	Oskar Painter Quantum back-action in recent cavity-optomechanics experiments	Hiroshi Yamaguchi Modal coupling in GaAs-based mechanical resonators & phonon lasing operation	Alexander Holleitner Ultrafast polarization control of topological photocurrents	Jan Lipfert Probing the response of double-stranded RNA to force & torque at the single-molecule level
11:00	Coffee break	Coffee break	Coffee break	Coffee break	Closing remarks
11:30	Luisa De Cola Photo- and electroactive nanomaterials. Properties & applications	Joachim Spatz Geometric & mechanical material constraints guide collective cell migration	Laura Na Liu Active 3D DNA plasmonics	David Nelson Dislocation mediated elongation of bacteria via nanomachines	Boat leaves at 11:20 / 12:10
	Lunch (12:15-14:30)	Friederike Möller Fluorescence enhancement at cooking sites of DNA-directed self-assembled nanoantennas	Shimon Weiss Voltage sensing inorganic nanoparticles	Johann Feckl Ultrasmall nanoparticles for energy applications	Train to Munich leaves at 13:34 h from Santa Lucia train station
14:30	Steven Benner Synthesizing life from the bottom up	Frank Jüllicher Spatial organization of cells via phase separation in the cytoplasm	Lunch (from 12:45)	Lunch (12:20-14:15)	
15:15	Cees Dekker Using nanotechnology for single-DNA & single-cell biophysics studies	Thomas Faust On-chip transduction and coherent control of nanomechanical resonators		Madeleine Leisner Chemical warfare & survival strategies in bacterial range expansions	
16:00	Coffee break	Posters session I & coffee (15:20-17:30)	Informal discussions	Posters session II & coffee (15:00-17:30)	
16:30	Philipp Kukura Interferometric scattering microscopy: A high-speed camera for the nanoworld				
17:15	Konrad Lehnert Enabling quantum technologies with micromechanical oscillators	Eric Greene Visualizing protein-DNA interactions with DNA curtains		Atac Imamoglu Spin-photon entanglement in quantum dots	
18:00	Welcome Reception			Sua Myong Accessibility of telomeric G-quadruplex DNA studied by single molecule fluorescence	