

CeNS Workshop Venice: Walk and Talk at the Nanoscale - Changed schedule

Time	Monday, September 22	Time	Tuesday, September 23	Time	Wednesday, September 24	Time	Thursday, September 25	Time	Friday, September 26
09:00	Welcome	09:00	Yaakov Benenson Molecular computing meets synthetic biology	09:00	Stefan Ludwig 0.7-Anomaly in Quantum Point Contacts: Correlations in 1D	09:00	Moein Moghimi Complement Sensing at Nanoscale	09:00	Sven Vogel Cell Cortex Properties Revealed with Biomimetic Model Systems
09:15	Manuel Thery Force Scaling in Stress Fibers		Heinrich Leonhardt Studying cellular structure & function with 3D-SIM & fluorescent nanobodies	09:45	Hermann Sellier Electron Interactions in Quantum Point Contacts	09:45	María García-Parajo Nanoscale imaging and single-molecule detection at ultra-high concentrations using photonic antenna devices	09:45	Florian Auras Covalent Organic Frameworks
10:00	Ralf Jungmann Approaching the limit: Multiplexed Super-Resolution Microscopy with DNA-PAINT and Exchange-PAINT	09:45		09:45		09:45		10:05	Thomas Ihn Imaging electron transport in semiconductor nanostructures on the scale of the electron wavelength
10:45	Coffee break	10:30	Coffee break	10:30	Coffee break	10:30	Coffee break	10:50	Closing remarks
11:15	Christof Mast Can thermal traps drive Darwinian evolution?	11:00	Alberto Amo Quantum emulation with microcavity polaritons	11:00	Dimitri Basov Surface plasmons and phonon polaritons in atomically thin van der Waals crystals	11:00	Liedewij Laan How yeast adapts to a strong genetic perturbation: one function at the time		
11:35	Phaedon Avouris Graphene Plasmons: Properties and Applications	11:45	Nynke Dekker Single-molecule studies of genome processing	11:45	Ernst Wagner 50 year of polymeric gene delivery: challenges, breakthroughs and perspectives	11:45	Alex Hamilton Strong spin-orbit coupling of spin-3/2 holes in gallium-arsenide semiconductor nanostructures		
	Lunch (12:20-14:15)		Lunch (12:30-14:00)		Lunch (from 12:30) Boat at 12:40		Lunch (12:30-14:00)		
14:15	Christian Plank Nucleic Acid Delivery – From Academic Discovery to Drug Development	14:00	Stephen Hart Targeted nanocomplex formulations for gene and siRNA therapy			14:00	Charles Baroud Microfluidic droplets for quantitative biological studies		Boat leaves at 11:20 / 12:10 Train to Munich leaves at 13:35 h from train station
15:00	Khaled Karrai Precision positioning and sensing for nano-Manipulation applications	14:45	Christian Westermeier Disorder in Org. Semiconductors			14:45	Thomas Geislinger Non-Inertial Lift Induced Cell Sorting		
15:45	Coffee break		Posters session I & coffee (15:05-17:00)		Informal discussions		Posters session II & coffee (15:05-17:00)		
16:15	Delia Milliron Plasmonic metal oxide nanocrystals & their near infrared electrochromism								
		17:00	Lukas Novotny Cooling and Amplification of a Vacuum-Trapped Nanoparticle <i>18:00/19:00 Guided tour on San Servolo</i>			17:00	Philip Tinnefeld Single-Molecule Fluorescence on DNA Origami <i>18:00 Guided Tour on San Servolo Boat at 18:00</i>		