

Wednesday, 06.04.2022

Time	Name	Title
11:00-12:00	<i>Registration</i>	
12:00-12:10	<i>Welcome</i>	
Chair	Max Hohenschutz	
12:10-13:10	Mathias Karg	
13:10-13:25	Selim Basaran	Plasmonic Stimulation of Gold Nanorods for the Control of Living Materials
13:25-13:40	Flore A. F. Mees	Tuning the Magnetic Properties of Hematite Nanospindles
13:40-14:10	<i>Break</i>	
Chair	Lukas Zeininger	
14:10-14:30	Johanna R. Bruckner	Lyotropic Liquid Crystal Phase Behavior of High Molar Mass Reverse Poloxamers and their Use as Structure-Directing Agents
14:30-14:45	Johannes Menath	Defined core-shell particles as the key to complex interfacial self-assembly
14:45-15:00	Friederike Gräbitz-Bräuer	Structure and stability of DOPG model membranes in the presence of the saponin aescin
15:00-15:15	Suna Azhdari	Block Copolymers in 3D Confinement: Janus Nano Cups
15:15-15:45	<i>Break</i>	
Chair	Mathias Karg	
15:45-16:00	Max Hohenschutz	Chaotropic nano-ion binding as a gelation motif in cellulose ether solutions
16:00-16:15	Ahmet F. Demirörs	3D Printing of Photonic Colloidal Glasses into Objects with Isotropic Structural Color
16:15-16:30	Martin Reifarth	A Spiropyrene-based dual pH- and Photoswitchable Surfactant for the Targeted Manipulation of Emulsions and Other Colloids
16:30-16:45	Simon Schog	From Single Microgels to Dense Microgel Layers – Investigation by Atomic Force Microscopy
16:45-17:00	<i>Break</i>	
17:00-19:00	<i>Poster Session</i>	

Thursday, 07.04.2022

Time	Name	Title
Chair	Janne-Mieke Meijer	
08:30-09:30	Yuri Gerelli	Phase transition behaviour in single solid-supported lipid bilayer
09:30-09:45	Santanu Maiti	Interface Driven Atomically Oriented 2D Assembly of Colloidal Gold Nanodisks Leads to Tunable Plasmonic Resonance
9:45-10:05	Andrea Scotti	Phase behavior of super soft spheres in two- and three dimensions
10:05-10:35	<i>Break</i>	
Chair	Martin Reifarth	
10:35-10:50	Quirin Prasser	Modification of Interfacial Block Copolymer Structures: Electrochemical Switching of Interfacial Tension and Interfacial Viscoelasticity

10:50-11:05	Ekaterina Buvalaia	Structure and dynamics of polyelectrolytes in water solution
11:05-11:20	Amit Kumar	Optimization and fabrication of silica-coated nanoemulsion as reservoir for essential oils
11:20-11:35	Bahar Rouhvand	Surface topography quantification of DNA-functionalized colloids via super resolution microscopy
11:35-13:00	<i>Lunch</i>	
Chair	Stefanie Schneider	
13:00-13:15	Tom Höfken	A core-shell model describing the deformation behavior of microgels in crowded environment
13:15-13:30	Esther E. Jaekel	All-natural Pickering emulsion gels for high-fidelity direct ink-writing
13:30-13:45	Kevin Gräff	pH dependent Foam Film Properties of β -lactoglobulin Foams in comparison to Silica Sphere stabilized Foam Films
13:45-14:00	Tomáš Omasta	Self-Assembly of Sugar Surfactants in Deep Eutectic Solvents and Their Solubilization of Terpenoids
14:00-14:30	<i>Break</i>	
Chair	Johanna Bruckner	
14:30-14:50	Janne-Mieke Meijer	Shape Matters: Visualizing the Self-Assembly of Anisotropic Colloids
14:50-15:05	Judith Elizabeth Houston	Method to simultaneously probe the bulk modulus and structure of soft compressible objects using small-angle neutron scattering with contrast variation
15:20-15:50	Fabian Kollmann	Building mechanism and controlled synthesis of eumelanin particles
15:50-16:20	<i>Break</i>	
Chair	Jerome Crassous	
16:20-16:35	Binyu Zhao	Elasticity vs. capillarity: How soft is a substrate soft?
16:35-16:50	Meriem Saadli	Hybrid soft magnetic micro-actuators with thermo-programmable response to external magnetic field
17:00-18:30	<i>Social Event</i>	
18:55-21:30	<i>Conference Dinner</i>	

Friday, 08.04.2022

Time	Name	Title
Chair	Dominik Wöll	
08:30-08:50	Thomas Mosciatti	Tailoring thermal conductivity in polyurethanes foams: challenges and perspectives
08:50-09:10	Lukas Zeininger	Janus emulsions as adaptive material platform for the transduction of (bio-)chemical information
09:10-09:25	Peter Vogel	Charging of dielectric surfaces in contact with aqueous electrolyte – the influence of CO ₂
09:25-09:40	Thomas Witzmann	Repulsive interactions of eco-corona covered microplastic particles quantitatively follow modelling of polymer brushes
09:40-09:55	Mark Vis	Effect of polymer chain stiffness on depletion layers in colloid–polymer mixtures

09:55-10:25	<i>Break</i>	
Chair	Judith Houston	
10:25-10:40	Andreas M. Stadler	Effect of Red Blood Cell Shape Changes on Haemoglobin Interactions and Dynamics: A Neutron Scattering Study
10:40-10:55	Philipp Menold	Experimental Evidence of a Transition from a Sponge-Like to a Foam-Like Nanostructure in Water-Rich L3 Phases
10:55-11:10	Stephan Müssig	Supraparticles as identification taggants with spectral magnetic readout
11:10-11:25	Robert F. Schmidt	Phase Behaviour of a Biocompatible Microemulsion based on Tween 20, Ethylhexylglycerin and Isopropyl Palmitate
11:25-12:05	<i>Poster Prize</i>	
12:05-12:15	<i>Closing Remarks</i>	