

Tuesday, October 7		
8:15 AM	Registration <i>Felix-Klein-Building, Lecture hall H12, 1st floor, Cauerstr. 11, 91058 Erlangen</i>	
8:50 AM	Welcome & Introduction to the Symposium <i>Mandel, Vogel, Engel Introducing words</i>	
9:00 AM	Session 1: Syntheses and Formulations #1 Chair: Karl Mandel	
KEYNOTE	<i>Bart Jan Ravoo Photoresponsive nanoparticles and particle-based materials</i> <i>Weitong Wang Tailored synthesis of uniform, size-controlled nanospheres from bio-based polyphenols</i> <i>Bin Zhao Cohesive supraparticles enabled by biobased nanofibers</i> <i>Lukas J. Roemling Control of buckling of colloidal supraparticles</i> <i>Laxmi M. Bodapati Colloidal self-assembling for the preparation of materials based on transition metals</i>	
10:30 AM	Coffee Break	
11:00 AM	Session 2: Analysis and characterization #1 Chair: Robin Klupp Taylor	
KEYNOTE	<i>Jannika Lauth Probing materials in the fast lane: innovative physical chemistry for colloidal photonics</i> <i>Thomas Kister Fluorescent sensor for the detection of elemental mercury</i> <i>Emma Chiavelli Evaluating magnetic nanoparticles for controlled induction heating in thermoplastic composite welding</i> <i>Tero Kämäräinen Magnetic particle spectroscopy of drying ferrofluid droplets</i>	
12:15 PM	Lunch Break <i>Lunch is served at Cauerstraße 3, IZNF, ground floor</i>	
1:00 PM	Poster Session #1: Cauerstraße 3, IZNF, ground floor	
2:00 PM	Session 3: Functional properties #1, Cauerstraße 11, H12 Chair: Nicolas Vogel	
KEYNOTE	<i>Esther Amstad Microparticles as a base of tough and fatigue resistant soft materials</i> <i>Markus Retsch Macro- and mesoscopic gradients in self-assembled colloidal systems</i> <i>Marcel Rey Responsive self-assembly of photo-deformable colloidal particles</i> <i>Ziwei Thou Highly efficient and reversible chirality transfer between protein and achiral plasmonic assemblies</i> <i>Susanne Wintzheimer Supraparticles as tailorable hybrid catalysts for photo-biocatalytic cascade reactions</i>	
3:30 PM	Coffee Break	
4:00 PM	Session 4: Syntheses and Formulations #2 Chair: Doris Segets	
	<i>Maximilian Theis Facile synthesis of colloidal particles with defined size and composition gradients</i> <i>Nicolás S. Gálvez Hierarchical porous silica particles</i> <i>Veronika Michel Immobilization of redox-active molecules on SiO2 – revisiting importance of surface control and covalency for cycling stability of organic batteries</i> <i>Philipp Schuster Poly(pentacenetetrone) particles as a high-capacity cathode for organic batteries</i>	
7:00 PM	Networking Dinner	
	<i>Hotel Bayrischer Hof, Schuhstraße 31, 91502 Erlangen</i>	

Wednesday, October 8		
9:00 AM	Session 5: Simulations and models Chair: Michael Engel	
KEYNOTE	<i>Arash Nikoubashman Structure, dynamics, and functionality of polymer-grafted nanoparticles in solutions and melts</i> <i>Carlos L. Bassani Kinetic Monte Carlo simulations of nanocrystal shapes</i> <i>Qingguang Xie Evaporation-driven assembly of colloidal monolayers and multilayers</i> <i>Silas Wolf Particle segregation in spray-dried supraparticles: experimental and numerical studies</i>	
10:15 AM	Coffee Break	
10:45 AM	Session 6: Functional properties #2 Chair: Georg Garnweitner	
	<i>Samuel Hasenauer Polymer cubosomes as source for ordered mesoporous carbon</i> <i>Iman Elbalasy DNA-based nanofabrication of carbon nanotube and metal-based materials for nano-electronic applications</i> <i>Sherif Okeil Tailored aluminum-doped zinc oxide (AZO) nanoparticle thin films: controlling morphology and porosity for room-T gas sensing</i> <i>Sara Li Deuso Stable or responsive? tailoring magnetite-based supraparticles for tagging and hydrogen detection via magnetic particle spectroscopy</i>	
11:45 AM	Lunch break <i>Lunch is served at Cauerstraße 3, IZNF, ground floor</i>	
12:30 PM	Poster Session #2: Cauerstraße 3, IZNF, ground floor	
1:30 PM	Session 7: Analysis & Characterization #2, Cauerstraße 11, H12 Chair: Alexander Kühne	
	<i>Pranay K. Chittem Characterization of diffusion of nanoparticles by using photon correlation spectroscopy (PCS)</i> <i>Evert Simons The multi-scale structure of photonic glasses</i> <i>Benjamin A. Zubiri Correlative X-ray and electron tomography for comprehensive, quantitative analysis of complex hierarchical particle systems across multiple scales</i> <i>Ahammed S. Odungat Mercury intrusion porosimetry: a fast, reliable technique for pore and morphological estimation of supraparticles for energy applications</i>	
2:30 PM	Closing Remarks and Award Ceremony	
3:00 PM	End of conference	