

Tuesday, October 7			Scan for programme online:
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, Cauerstr. 11, lecture hall H12 <i>Mandel, Vogel, Engel</i> Introducing words		
9:00 AM	Session 1: Syntheses and Formulations #1 Chair: Nicolas Vogel		
KEYNOTE	<i>Bart Jan Ravoo</i>	<i>Photoresponsive nanoparticles and particle-based materials</i>	
	<i>Bin Zhao</i>	<i>Cohesive supraparticles enabled by biobased nanofibers</i>	
	<i>Lukas J. Roemling</i>	<i>Control of buckling of colloidal supraparticles</i>	
	<i>Laxmi M. Bodapati</i>	<i>Colloidal self-assembling for the preparation of materials based on transition metals</i>	
10:15 AM	Coffee Break		
10:45 AM	Session 2: Analysis and characterization #1 Chair: Doris Segets		
KEYNOTE	<i>Jannika Lauth</i>	<i>Probing materials in the fast lane: innovative physical chemistry for colloidal photonics</i>	
	<i>Thomas Kister</i>	<i>Fluorescent sensor for the detection of elemental mercury</i>	
	<i>Emma Chiavelli</i>	<i>Evaluating magnetic nanoparticles for controlled induction heating in thermoplastic composite welding</i>	
	<i>Tero Kämäräinen</i>	<i>Magnetic particle spectroscopy of drying ferrofluid droplets</i>	
	<i>Pranay K. Chittem</i>	<i>Characterization of diffusion of nanoparticles by using photon correlation spectroscopy (PCS)</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: Robin Klupp Taylor		
KEYNOTE	<i>Esther Amstad</i>	<i>Microparticles as a base of tough and fatigue resistant soft materials</i>	
	<i>Markus Retsch</i>	<i>Macro- and mesoscopic gradients in self-assembled colloidal systems</i>	
	<i>Marcel Rey</i>	<i>Responsive self-assembly of photo-deformable colloidal particles</i>	
	<i>Ziwei Zhou</i>	<i>Highly efficient and reversible chirality transfer between protein and achiral plasmonic assemblies</i>	
	<i>Susanne Wintzheimer</i>	<i>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: Karl Mandel		
	<i>Maximilian Theis</i>	<i>Facile synthesis of colloidal particles with defined size and composition gradients</i>	
	<i>Nicolás S. Gálvez</i>	<i>Hierarchical porous silica particles</i>	
	<i>Veronika Michel</i>	<i>Immobilization of redox-active molecules on SiO2 – revisiting importance of surface control and covalency for cycling stability of organic batteries</i>	
	<i>Philipp Schuster</i>	<i>Poly(pentacenetetrone) particles as a high-capacity cathode for organic batteries</i>	
5:00 PM	End of presentations		
7:00 PM	Networking Dinner, Hotel Bayrischer Hof, Schuhstraße 31, 91502 Erlangen		
Wednesday, October 8			
9:00 AM	Session 5: Simulations and models Chair: Michael Engel		
KEYNOTE	<i>Arash Nikoubashman</i>	<i>Drying-induced structure formation in colloidal films and droplets</i>	
	<i>Carlos L. Bassani</i>	<i>Kinetic Monte Carlo simulations of nanocrystal shapes</i>	
	<i>Qingguang Xie</i>	<i>Evaporation-driven assembly of colloidal monolayers and multilayers</i>	
	<i>Silas Wolf</i>	<i>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</i>	<i>Polymer cubosomes as source for ordered mesoporous carbon</i>	
	<i>Iman Elbalasy</i>	<i>DNA-based nanofabrication of carbon nanotube and metal-based materials for nano-electronic applications</i>	
	<i>Sherif Okeil</i>	<i>Tailored aluminum-doped zinc oxide (AZO) nanoparticle thin films: controlling morphology and porosity for room-T gas sensing</i>	
	<i>Sara Li Deuso</i>	<i>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>Sönke Wengler-Rust</i>	<i>Small-Angle X-ray Scattering: a versatile tool for particle and material analysis</i>	
	<i>Evert Simons</i>	<i>The multi-scale structure of photonic glasses</i>	
	<i>Benjamin A. Zubiri</i>	<i>Correlative X-ray and electron tomography for comprehensive, quantitative analysis of complex hierarchical particle systems across multiple scales</i>	
	<i>Ahammed S. Odungat</i>	<i>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		