

Wednesday, 06. April 2016					
		12:00 – 12:50	Registration		
Session 1: Assembling	Chairman Prof. Horinek	12:50 – 13:00	Local organizers	Welcome to the Zsigmondy-Colloquium	
		13:00 – 13:20	Hacer Yalcinkaya, Technische Universität Berlin, Germany	Structure and stability control of well- defined vesicles by addition of amphiphilic copolymers and their fixation by polymerization	
		13:20 – 13:40	Sebastian Bayer, Technische Universität Berlin, Germany	Templating monodisperse vesicles with a silica precursor	
		13:40 – 14:00	Anja von Lospichl, Technische Universität Berlin, Germany	Self-assembly of unilamellar vesicles: towards a generalized understanding of bilayer structure and kinetics	
		14:00 – 14:20	Imad Zamrik, University of Siegen, Germany	Unraveling interfacial processes at curved nanopores interfaces in situ by reflectometric interference spectroscopy	
			14:20 – 14:40	Coffee break	
	Chairman Prof. Kunz	14:40 – 15:00	Thomas Kister, Leibniz Institute for New Materials, Saarbrücken, Germany	Assembly of nanoparticles into binary supraparticles	
		15:00 – 15:20	Albert Prause, Technische Universität Berlin, Germany	Protein adsorption induced bridging flocculation of silica nanoparticles: a confocal fluorescence microscopy study	
		15:20 – 15:40	Munish Chanana, ETH Zürich, Switzerland	Colloidal stability of protein decorated metal nanoparticles: the influence of protein identity and environmental parameters	
		15:40 – 16:00	Gergő Gyulai Eötvös Loránd University, Budapest, Hungary	Efficient nanoformulation of new antitubercular drug candidate	
			16:00 – 16:20	Coffee break	
	Chairman PD. Müller	16:20 – 16:40	Florian Geyer Max-Planck-Institut für Polymerforschung, Mainz, Germany	Superamphiphobic membranes for enhanced carbon dioxide capturing	
		16:40 – 17:00	Matthias Hofmann University of Regensburg, Germany	Surface dilational rheology: Studies with the oscillating bubble method	
			starting at 19:00	All participants	Gala Dinner in the „Haus Heuport“

Thursday, 07. April 2016, morning				
Session 2: Assembling and properties	Chairman Prof. Gradzielski	09:00 – 09:50	Plenary 1 Colin D. Bain, Durham University, UK	Drops behaving badly
		09:50 – 10:10	Pia Ruckdeschel, University of Bayreuth, Germany	Thermal conductivity of silica hollow spheres and polystyrene-silica core-shell particles: size- and composition dependent study
		10:10 – 10:30	Astrid Rauh, University of Bayreuth, Germany	Ultrathin bandgap photonic crystals from hard-core/ soft-shell particles
		10:30 – 10:50	Coffee break	
		10:50 – 11:10	Kundan Sharma, Amity University Noida, India	Probing physico-chemical properties of sodium dodecyl sulfate (SDS) in presence of antimicrobial drug (Levofloxacin) for perspective drug applications
		11:10 – 11:30	Jens W. Neubauer, Leibniz-Institut für Polymerforschung, Dresden, Germany	Spatially resolving contact stresses with mechano-responsive polyelectrolyte brushes
		11:30 – 11:50	Johanna Moratz University of Münster, Germany	Light-triggered DNA transfection with colloidal complexes
		11:50 – 13:00	Lunch	

Thursday, 07. April 2016, afternoon				
Session 3a: Mechanical and electrical properties	Chairman Prof. Richtering	13:00 – 13:20	Ann-Kathrin Froin, Technische Universität Dortmund, Germany	Synthesis and investigation of two different types of artificial microswimmers
		13:20 – 13:40	Sören Großkopf, Bielefeld University, Germany	Shear induced transformation of polymer-rich lamellar phases to micron sized vesicles investigated by small angle scattering
		13:40 – 14:00	Miriam Simon, Technische Universität Berlin, Germany	Interactions of charged microemulsion droplets with polyelectrolytes: a neutron scattering study
		14:00 – 14:20	Grazia Gonella, Max Planck Institute for Polymer Research, Mainz, Germany	Measurement of the surface potential of colloidal particles in aqueous solution: new insights at low ionic strength

Session 3b: properties / nanoparticles	Chairman Prof. Butt	14:20 – 14:40	Coffee break	
		14:40 – 15:00	Elena Zwar Technische Universität Dortmund, Germany	Deformation of capsules induced by external magnetic fields
		15:00 – 15:20	Weiwei Xun Institute of Physical Chemistry, Aachen, Germany	Control of the rheology of the multi-sensitive microgel suspensions
		15:20 – 15:40	Nan Gao Max-Planck Institute for Polymer Research, Mainz, Germany	Studying liquid-structure interactions by lateral adhesion forces
		15:40 – 16:00	Christian Kuttner Leibniz Institute of Polymer Research, Dresden, Germany	Plasmonic raspberry-like core/satellite nanoclusters: correlation of structure and optical properties
	Chairman Prof. Bain	16:00 – 16:20	Coffee break	
		16:20 – 16:40	Ferenc Liebig, Universität Potsdam, Germany	Synthesis of gold nanotriangles and separation by micelle/polyelectrolyte depletion flocculation
		16:40 – 17:00	Christian Schaumberg, Humboldt-Universität zu Berlin, Germany	Mechanisms of nanoparticle generation by laser irradiation of suspensions
		17:00 – 17:20	Vladimir Mirsky, Technische Universität Cottbus-Senftenberg, Germany	Detection, quantification and identification of engineered nanoparticles
		17:20 – 18:20	Poster session	

Friday, 08. April 2016, morning				
Session 4: Films assembling	Chairman Prof. Mirsky	09:00 – 09:50	Plenary 2 Michael Gradzielski, Technische Universität Berlin, Germany	Ionic assembly as a means for controlling structure and properties in self-assembled systems containing surfactants and polyelectrolytes
		09:50 – 10:10	Yingjia Li, Institute of Bioprocessing and Analytical Measurement Techniques e.V., Heilbad Heiligenstadt, Germany	Low potential electrowetting on dielectric based on tantalum pentoxide and silane
		10:10 – 10:30	Julia Strebe, Technische Universität Berlin, Germany	Adsorption of microgel particles on polyelectrolyte multilayer
	Chairman Prof. Kunz	10:30 – 10:50	Coffee break	
		10:50 – 11:10	Abhijeet Kumar, Technische Universität Darmstadt, Germany	Influence of lipid bilayer phase and substrate roughness on the pathways of intact cationic vesicle deposition on anionic cellulose substrates : a streaming potential study
		11:10 – 11:30	Johannes Bookhold, Bielefeld University,	From thermosensitive microgel-coatings to free-standing cross-linked membranes for

		Germany	temperature controlled permeation
	11:30 – 11:50	Moritz Buhl Organic Chemistry Institute, Münster, Germany	Immobilization of phthalocyanine decorated laponites for the generation of antimicrobial surfaces
	11:50 – 13:00	Lunch	

Poster Session	
Eva Brandes University of Regensburg, Germany	Structure investigations on the interfacial assembly of a catalytic system in vicinity to a phospholipid membrane
Timo Brändel Bielefeld University, Germany	Functional core-multishell materials: hard silica cores with responsive acrylamide shells
Marian Cors Bielefeld University, Germany	Linear thermoresponsive acrylamid based microgels adsorbed on a surface
İlayda Acaroğlu Degitz Yeditepe University, İstanbul, Turkey	Conjugation of vancomycin and antibacterial polymers to investigate the synergistic antibacterial activity
Simon Egger Technical University of Dortmund, Germany	Synthesis and rheological properties of coagulated surfactant films
Carolin Fürst University of Bayreuth, Germany	In-situ investigation of fast self-assembly kinetics of amphiphiles with microfluidics and small angle x-ray scattering
Silvia Fogli University of Florence, Florence, Italy	Naturalized dyes: physico-chemical characterization and biotechnological purification of their dyeing effluents
Gabriel Grundl University of Regensburg, Germany	Salt influence on the 1-butanol/water liquid-liquid equilibrium and on the extraction behavior of 5-hydroxymethylfurfural
Tommy Hammann University of Potsdam, Germany	Preparation of magnetite-gold-nanoparticle-composites
Maren Lehmann TU Berlin, Germany	Local gold nanoparticle hot spots in thermoresponsive microgels
Zhiyuan Jia University of Siegen, Germany	Multiplexed bacteria detection by enzyme-responsive chitosan hydrogels
Monika Pella Technische Universität Dortmund, Germany	Characterization of asymmetric, viscoelastic micro-swimmers with a propulsion mechanism based on chemical reactions
Fabian Pieper Technische Universität Dortmund, Germany	A new interfacial polymerization technique controlled by gas-phase adsorption of reactive monomers
Camille Pinguet RWTH University, Aachen, Germany	Complexation between polymersomes and liposomes
Song Qimeng University of Siegen, Germany	investigation of the self-assembly of poly(diethylene glycol methylether methacrylate) (pdegma) brush-modified microobjects
Julian Rieder University of Regensburg, Germany	Chemical gardens

Jens Rumschöttel University of Potsdam, Germany	DNA-polyplexes with maltose modified hyperbranched poly(ethyleneimines) and gold nanoparticles: investigation of complex properties
Andreas Schneider University of Regensburg, Germany	Efficiency and stability of pamam-dendrimer coatings as protein repellent surfaces
Sebastian Schöttl University of Regensburg, Germany	A molecular view of micelle-like structures in detergent-less microemulsions
Di Sun Rheinisch-Westfälische Technische Hochschule Aachen, Germany	The sol-gel of chondroitin-4-sulfate -based pluronic hydrogels as injectable biomaterials
Chunning Sun Technische Universität Berlin, Germany	Synthesis of upconversion/graphene/titania composite and its application in photocatalysis
Kristina G. Wagner University of Bayreuth, Germany	Reversibly dimmable colloids