

IRTG Spring Workshop
 May 24th-25th, 2016 / Freiburg

Tuesday, May 24th, 2016 (seminar room, FIT building, Georges-Koehler-Allee 105)

08.30 – 08.45	Arrival, welcome coffee	
08.45 – 09.00		Günter Reiter, Jörg Baschnagel Opening remarks
09.00 – 10.30	Session 1	Vasilii Lesnichii <i>Relaxation of holographic gratings recorded in phenanthrenequinone-doped polymer revealing spatial heterogeneity and aging</i> Jochen Schneider <i>Influence of cross-link density on the properties of polymer-microgel-mixtures</i> Pierre Chapuis <i>Preparation-dependent viscoelastic properties of ultra-thin glass-forming polymer films</i> Ivan Kriuchevskiy <i>Linear viscoelastic properties of glassy polymer melts</i>
10.30 – 11.00	Coffee break	
11.00 – 12.30	Session 2	Felix Kirschvink <i>C- & Al-based polymer nanocomposites via ring-opening metathesis polymerization</i> Rukiya Matsidik <i>Synthesis, characterization and structure-function relationships of naphthalene diimide copolymers for organic electronics</i> Amer Hamidi-Sakr <i>Highly oriented and crystalline films of a Phenyl-substituted polythiophene prepared by epitaxy : structural model and influence of molecular weight</i> Melanie Eichhorn <i>On the influence of surface chemistry and 3D μ-structures on the shape of the cell nucleus</i>
12.30 – 14.00	Lunch	
14.00 – 15.30	Session 3	Sebastian Anders <i>Interactions between biosystems and 3D microstructured surfaces</i> Nayana Tusamda <i>Interactions between bio-systems & 3D μ-structured surfaces</i> Maryam Bahrami <i>Slippery when wet: Wet adhesion and friction on nano/micro-structured surfaces</i>

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		Christoph Scheibelein <i>Entropic activation of polymer brushes and the evolution of a stable polymer brush architecture</i>
15.30 – 16.00	Coffee break	
16.00 – 17.10	Session 4	Guillaume Fiers <i>Synthesis of sequence-controlled polymers via a chemoselective process</i> Céline Ruscher <i>The bidisperse Voronoi Liquid</i> Raisa Kociurzynski <i>Modelling membranes with complex compositions</i> Steffen Wiedmann <i>Compartmentalized smart polymer ionic liquids for responsive systems</i>
17.30 – 18.30	Hotel check-in (Stadthotel-Kolping, Karlstraße 7)	
19.00	Joint dinner (Stadthotel-Kolping, Karlstraße 7)	

Wednesday, May 25th, 2016 (seminar room, FIT building, Georges-Koehler-Allee 105)

09.00 – 10.30	Session 5	Justine Wolf <i>Membrane active polypeptides and liposomal complexes for nucleic acid delivery</i> Martin Gotthardt <i>Development of a cell-penetrating-peptide-based drug delivery system for siRNA</i> Charchit Kumar <i>Adhesion and friction on textured surfaces: Inspiration from insect-plant interactions</i> Taras Sych <i>Controlled deformations and modifications of model and cellular lipid membranes</i>
10.30 – 11.00	Coffee break	
11.00 – 12.30	Session 6	Mordjane Boukhet <i>Discrimination and sequencing of polymers with biological nanopores</i> Matilde Eredia <i>Graphene production in liquid media</i> Asad Jamal <i>Switching self-assembled nanoribbons reversibly into nanotubes</i>

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		Abhijna Das <i>Ordering and crystallization of polymers in quasi-2 dimensions</i>
12.30 – 14.00	Lunch	
14.00 – 15.30	TBA	
15.30 – 16.00	Coffee break	
16.00 – 17.30	TBA	
17.30	Departure	