

IRTG Fall Workshop

October 5-6th, 2015 / Breisach am Rhein

Monday, October 5th, 2015 (conference room "Breisgau")

09.00 – 09.45	Arrival, check-in and welcome coffee	
09.45 – 10.00		Günter Reiter, Jörg Baschnagel Opening remarks
10.00 – 11.00	Session 1	Pierre Chapuis <i>Linear mechanical and viscoelastic properties of model glass-forming polymer films: experimental studies</i> Ivan Kriuchevskiy <i>Linear mechanical and viscoelastic properties of model glass-forming polymer films: simulations</i> Vasilii Lesnichii <i>Similarities in bifurcational behavior of diffusion coefficients in some bulk and thin polymer films below T_g</i> Jochen Schneider <i>Colloidal stabilization by unattached homo- and copolymers</i>
11.00 – 12.00		Discussion
12.00 – 13.30		Lunch
13.30 – 14.15	Session 2	Felix Kirschvink <i>Macromolecular nanohybrid molecules</i> Rukiya Matsidik <i>Synthesis, characterization and structure-function relationships of naphthalene diimide copolymers for organic electronics</i> Amer Hamidi-Sakr <i>Orientation and epitaxy of conjugated polymers: towards better structure-property correlations</i>
14.15 – 15.00		Discussion
15.00 – 15.30	Coffee break	
15.30 – 16.15	Session 3	Matilde Eredia <i>Molecule assisted liquid-phase exfoliation of graphene</i> Christoph Scheibelein <i>Polystyrene Brushes: A Mechanically Activated System</i> Fanuel Mugwanga Keheze <i>Influence of Temperature on Photoluminescence of Spherulites obtained from Poly(thiophene) with Bulky Side Groups</i>
16.15 – 17.00		Discussion
17.00 – 18.30	Discussion between PhD students and supervisors/collaborators about the individual PhD projects	
As of 19.00	Dinner	

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Tuesday, October 6th, 2015 (conference room "Breisgau")

08.30 – 09.15	Session 4	<p>Asad Jamal <i>Reversible switching between self-assembled nanoribbons and nanotubes</i></p> <p>Lakshya Daukiya <i>Chemisorbed Molecules as an electrode for Ideal spin injection in Graphene</i></p> <p>Guillaume Fiers <i>Synthesis of sequence-controlled polymers with a chemoselective process</i></p>
09.15 – 10.00		Discussion
10.00 – 10.30	Coffee break	
10.30 – 11.15	Session 5	<p>Raisa Kociurzynski <i>Thermodynamics of Membranes with Complex Lipid Compositions</i></p> <p>Sebastian Anders <i>Interactions between bio-systems and 3D micro-structured surfaces</i></p> <p>Mordjane Boukhet <i>Discrimination and sequencing of precision polymers with biological nanopores</i></p>
11.15 – 12.00		Discussion
12.00 – 14.00	Lunch	
14.00 – 14.45	Session 6	<p>Justine Wolf <i>Membrane active polypeptides and liposomal complexes for nucleic acid delivery</i></p> <p>Charchit Kumar <i>Friction on textured surfaces: Inspiration from insect-plant interactions</i></p> <p>Taras Sych <i>Controlled deformations and modifications of model and cellular lipid membranes</i></p>
14.45 – 15.30		Discussion
15.30 – 16.00	Coffee and departure	