

# IRTG Fall Workshop

## November, 8-9th 2012

Coordinator: Dr Amandine Henckel  
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<u>Thursday, the 8th of November</u>		
9.45-11.15	Session 1	<p><b>Andreas Weinberger</b> <i>Alternative methods for the formation of giant vesicles</i></p> <p><b>Nehrukumar Mathaiyan</b> <i>Synthesis of glycolipids to investigate dynamic nanostructures in biomimetic membranes</i></p> <p><b>Kim Tremel</b> <i>Orientation of conjugated polymers by mechanical rubbing</i></p> <p><b>Adrian Wolf</b> <i>Hierarchically Self-Assembled Donor-Acceptor Amphiphilic Supramolecular Polymers</i></p>
11.15-11.45	Break	
11.45-13.00	Session 2	<p><b>Jean-Francois Lutz</b>, <i>Institut Charles Sadron, Strasbourg</i> <i>Presentation of research activity</i></p> <p><b>Chunyan Yao</b> <i>Site specific protein modification with unnatural amino acids and their applications</i></p> <p><b>Johan Longo</b> <i>Mechanoresponsive films</i></p>
13.00-14.20	Lunch	
14.20-16.00	Session 3	<p><b>Jan Behrends</b>, <i>Institute of Physiology, Freiburg</i> <i>Presentation of research activity</i></p> <p><b>Melanie Eichhorn</b> <i>The interaction between biological systems and patterned surfaces</i></p> <p><b>Eleonora Grespan</b> <i>Towards the realization of an in vitro set up for studies on cardiomyocytes: analysis of the mechanical properties and of the biocompatibility of P(nBA-co-MABP) micropatterned substrates</i></p> <p><b>Igor Kulic</b>, <i>Institut Charles Sadron, Strasbourg</i> <i>Presentation of research activity</i></p>
16.00-16.30	Break	
16.30-18.00	Session 4	<p><b>Holger Bohn</b>, <i>Botanischer Garten, Freiburg</i> <i>Presentation of research activity</i></p> <p><b>Andy Kiessling</b> <i>Influence of nanofillers on the drying and properties of polymer latex films</i></p> <p><b>Jonas Groten</b> <i>Reversible switching between surface wetting regimes through photoisomerization of polymer monolayer</i></p> <p><b>Tristan Bourrel</b> <i>Influence of the nature and size of patterning on the soft matter friction</i></p>

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<u>Friday, the 9th of November</u>		
9.00-10.30	Session 4	<p><b>Alexey Shvets</b>  <i>Colloidal stabilization by unattached homopolymers</i></p> <p><b>Julian Helfferich</b>  <i>Aging in glasses: Analysing single particle trajectories from molecular dynamics simulations</i></p> <p><b>Maximilian Vielhauer</b>  <i>Linear and star-shaped POSS hybrid materials containing crystalline isotactic polystyrene chains</i></p> <p><b>Carina Gillig</b>  <i>Novel insights of the dynamics and physical properties of hyperbranched polyglycerols</i></p>
10.30-11.00	Break	
11.00-12.30	Session 5	<p><b>Paolo Samori</b>, <i>Institut de Science et d'Ingénierie Supramoléculaires, Strasbourg</i>  <i>Presentation of research activity</i></p> <p><b>Christophe Higy</b>  <i>Polyelectrolyte conformation in Layer-by-Layer assembled nanoscale films</i></p> <p><b>Marcel Rothfelder</b>  <i>Surface Attached Polymer Networks: Swelling and Adsorption Behavior</i></p> <p><b>Joseph Lejeune</b>  <i>Surface recovery and reconstruction after deformation</i></p>
12.30-14.00	Lunch	
14.00-17.00		<b>IRTG FUTURE</b>