

**Kick-Off Meeting SFB TR6  
from 1.03.-03.03.2010  
at Gustav-Stresemann-Centre Bonn**

arrival: Monday, 01.03.2010 until 12:00h

**Monday 01.03.2010**

12:00-13:30h	<b>lunch</b>
13:45-14:00h	<b>Opening</b> H. Löwen
14:00-14:40h	<b>Effects of colloidal (Janus-)particles on convection and phase separation</b> Walter Zimmermann, University of Bayreuth
14:40-15:10h	<b>Dilute colloidal suspensions in external potentials</b> Cecile Dalle-Ferrier, University of Düsseldorf
15:10-15:40h	<b>Shear-induced deformation of ultra-soft colloids</b> Jörg Stellbrink, FZ Jülich
15:40-16:00	<b>coffee break</b>
16:00-16:30h	<b>Dynamic forces between ultrasoft colloids</b> Sunil Singh, FZ Jülich
16:30-17:00h	<b>Critical behaviour in cylindrical confinement and under shear</b> Peter Virnau, University of Mainz
17:00-17:30h	<b>Construction of DNA-based Star-branched Polyelectrolyte for single-molecule studies</b> Emmanuel Stiakakis, FZ Jülich
17:30-18:00h	<b>Active Microrheology in Dense Colloids</b> Thomas Voigtmann, University of Konstanz
18:00-18:30h	<b>poster session</b>
18:30-20:00 h	<b>dinner</b>
20:00h	<b>SFB member meeting</b>

**Tuesday 02.03.2010**

8:00 - 9:00h	<b>breakfast</b>
9:00-9:40h	<b>Structural origin of dynamic heterogeneity in colloidal glass formers and its link to crystal nucleation</b> Hajime Tanaka, University of Tokyo
9:40-10:10h	<b>Dynamics of charged and porous particles</b> Marco Heinen, FZ Jülich
10:10-10:30h	<b>coffee break</b>
10:30-11:00h	<b>Method Development for solving electrokinetic equations</b> Burkhard Dünweg, MPI Mainz
11:00-11:30h	<b>Trajectories, rotations and deformations of colloids</b> Günther Auernhammer, MPI Mainz
11:30-12:00h	<b>Rodlike model particles in electric fields and confinement</b> Arnout Imhof, Uni Utrecht
12:00-13:00h	<b>lunch</b>
13:00-13:30h	<b>Simulation of (di)electrophoresis in confinement: previous work and perspectives</b> Friederike Schmid, Uni Mainz
13:30-14:00h	<b>Theories of crystallization in two-component magnetic colloids</b> Cristian Achim, University of Düsseldorf
14:00-14:40h	<b>Colloidal Monolayers on Quasiperiodic Light Fields</b> Clemens Bechinger, University of Stuttgart
14:40-15:10h	<b>Structural and elastic properties of 2D colloidal systems: Field induced ordering phenomena and non-local susceptibilities</b> Kerstin Franzrahe, University of Konstanz
15:10-15:30h	<b>coffee break</b>
15:30-16:00h	<b>Concentrated colloidal suspensions under time-dependent shear</b> Kevin Mutch, University of Düsseldorf
16:00-16:30h	<b>A clustering instability for colloids at interfaces: cosmology in a Petri dish</b> Martin Oettel, Uni Mainz

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16:30-16:45h	<b>Metastable rosetta structures in extended grain boundaries</b> Thomas Palberg, University of Mainz
16:45-17:00h	<b>Crystalline colloidal multilayers for the confined Yukawa system</b> Erdal Oguz, University of Düsseldorf
17:00-17:40h	<b>Complex dusty plasmas - a laboratory for strong correlations</b> Michael Bonitz, University of Kiel
17:40-18:30h	<b>poster session</b>
18:30-20:00 h	<b>dinner</b>
20:00-22:00h	<b>poster session</b>
<b>Wednesday 03.03.2010</b>	
8:00 - 9:00h	<b>breakfast</b>
9:00 - 9:30h	<b>Towing, breathing and overtaking in driven colloidal liquid crystals</b> Andreas Härtel, University of Düsseldorf
9:30-10:00h	<b>Free energy computation of disordered phases</b> Tanja Schilling, University of Mainz/Luxembourg
10:00 -10:20h	<b>coffee break</b>
10:20-10:50h	<b>Mineral liquid crystals from magnetic fields of confinement</b> Gert Jan Vroege, Utrecht University
10:50-11:20h	<b>Electrophoretic flow through a closed rectangular capillary</b> Tetjana Köller, University of Mainz
11:20-11:50h	<b>Energy landscape and dynamical heterogeneities in a 2D colloidal glass former</b> Peter Keim, University of Konstanz
12:00 -13:00h	<b>lunch</b>

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