



Sächsische
Forschergruppe
"From Local Constraints to
Macroscopic Transport"

4 December 2013

Faculty of Physics
and Earth Sciences
Universität Leipzig
Linnéstraße 5,
Leipzig

Assembly Hall (331)

Program SFG Meeting 4 December 2013, Leipzig

- 12:00–13:00 *Lunch (Assembly Hall)*
- 13:00–13:30 Project Leader Meeting (220)
- 13:30–14:30 **Bernd Abel** (*Uni Leipzig*)
"Nanoparticles and amyloid systems:
a fatal encounter?"

Coffee Break

- 15:00–15:30 Anastasiia Artemieva (*MPI of
Biochemistry, Martinsried*)
"Interaction of fd-virus particles with
cationic lipid membranes"
- 15:30–16:30 **Alexander Wagner** (*North Dakota
State University*)
"Modeling fluctuating hydrodynamics
with the lattice Boltzmann method"

Coffee Break

- 17:00–17:30 Martin Treß (*Uni Leipzig*)
"Interfacial dynamics of polymers in
interaction with solid substrates"
- 17:30–18:00 Marco Braun (*Uni Leipzig*)
"Gold nano-structure assisted
thermophoretic trapping of single
nano-objects"

Dinner