



Sächsische  
Forschergruppe  
"From Local Constraints to  
Macroscopic Transport"

6 October 2014

Faculty of Physics and  
Earth Sciences  
Universität Leipzig  
Linnéstr. 5, Leipzig

Small Lecture Hall

## Program SFG Meeting 6 October 2014, Leipzig

10:00–11:00

**Ulrich F. Keyser** (*University of Cambridge*)

"Single particles diffusing in closely confining microchannels: Diffusion constants, interactions, transport"

*Coffee Break*

11:30–12:00

**Katrin Günther** (*TU Dresden*)

"Temperature dependent behavior of surface passivation: Impact on Janus particle motion?"

*Lunch*

13:00–14:00

Project Leader Meeting (room 220)

14:00–15:00

**Tim Liedl** (*LMU Munich*)

"Functional and dynamic DNA nanostructures"

15:00–15:30

**Günter Radons** (*TU Chemnitz*)

"Weak ergodicity breaking in the anomalous diffusion of randomly accelerated particles"

*Coffee Break*

16:00–17:00

**Haw Yang** (*Princeton University*)

"Multi-resolution 3D visualization of the early stages of cellular uptake of peptide-coated nanoparticles"

17:00–17:30

**Daniel Schneider** (*Uni Leipzig*)

"Filling dynamics of nanocapillaries"