



Sächsische  
Forschergruppe  
"From Local Constraints to  
Macroscopic Transport"

17 September 2012

Center for Regenerative  
Therapies Dresden  
Fetscherstraße 105

3rd Floor  
Seminar Rooms 3/4

## Program SFG Meeting 17 September 2012, Dresden

- 12:00–13:00      *Lunch*
- 13:00–13:30      Project Leader Meeting
- 13:30–14:30      **Ulrich Kubitschek** (*Uni Bonn*)  
"Nuclear export of single native  
mRNA molecules ... and more  
tricks with light sheet microscopy"
- 14:30–15:00      Carsten Schuldt (*Uni Leipzig*)  
"Contractile force generation by  
entropic softening of actin networks"

### *Coffee Break*

- 15:30–16:00      Andreas Bregulla (*Uni Leipzig*)  
"Photon nudging of Janus particles"
- 16:00–17:00      **Erik Schäffer** (*BIOTEC, TU Dresden*)  
"Nanomechanics with optical  
tweezers: Colored noise of Brownian  
motion and friction of molecular  
machines"
- 17:00–17:30      Alexander Shakhov (*Uni Leipzig*)  
"Diffusion in crowded environments:  
Comparing FCS and NMR data"

### *Dinner*