

**Jülich Supercomputing Centre (JSC) and  
John von Neumann Institute for Computing (NIC)**

**Mini-Symposium „Computational Materials Physics“**

Thursday, 7 April 2016, 15:00-17:00

at Jülich Supercomputing Centre, Rotunda, building 16.4, room 301

After five years of research at Forschungszentrum Jülich, the NIC Research Group “Computational Materials Physics” says Farewell. Anyone interested is cordially invited to participate in this mini-symposium.

- 15:00-15:30**     **Dr. Sissi de Beer, Materials Science and Technology of Polymers, University of Twente**  
Switching adhesion and friction by controlling the interaction between particles and polymer brushes
- 15:30-16:00**     **Dr. Wolf Dapp, JSC, Forschungszentrum Jülich**  
Modeling contact mechanics and leakage with Green's function molecular dynamics
- 16:00-16:30**     **Prof. Mikko Karttunen, Department of Mathematics and Computer Science, Technische Universiteit Eindhoven**  
Water still keeps providing surprises
- 16:30-17:00**     **Prof. Martin Müser, JSC, Forschungszentrum Jülich**  
Potentials

gez. Sabine Höfler-Thierfeldt