



## The Program for China-German Joint Symposium on Nanotechnology 2007

June 2<sup>nd</sup>, 2007, Beijing, China

### Venue

303 Conference Room, Beijing International Convention Center (BICC)  
No. 8 Beichendong Road, Bei Si Huan, Chao Yang District, Beijing 100101, China

### June 2 Saturday

Chairperson: Prof. Xing Zhu, Peking University, China

Vice Director of National Center for Nanoscience and Technology, China

8:30– 8:50    Opening    Address by  
Prof. Jinghai Li, Vice President of Chinese Academy of Sciences, China  
Prof. Volker ter Meulen, President of the German Academy of Sciences, Leopoldina, ,  
Germany

8:50 – 9:00    Taking Picture

9:00–9:30    Prof. Harald Fuchs (University Muenster, Germany)  
**Mechano-Chemistry: Where Nanophysics Meets Chemistry**

9:30–10:00    Prof. Qikun Xue (Tsinghua University)\ Institute of Physics, CAS, China)  
**Manipulation of Single Molecular Spins by Quantum Size Effect**

10:00–10:20    Coffee Break

Chairperson: Prof. Qikun Xue

10:20–10:50 Prof. Ulrich M. Goesele (Max Planck Institute Mikrostrukturphysik Halle Germany)

**Unconventional Silicon Nanostructures**

10:50–11:20 Prof. Zhong Zhang (National Center for Nanoscience and Technology)

**Resistance to Time-dependent Deformation of Nanoparticles on Thermoplastic Polymers**

11:20–11:50 Prof. Wolfgang Wenzel (Institut fuer Nanotechnologie Forschungszentrum Karlsruhe , Germany)

**Nanoscale Simulation of Electronic Transport**

12:00–14:00 Lunch

Chairperson: Prof. Harald Fuchs

14:00–14:30 Prof. Jinlong Yang (University of Science and Technology of China)

**New Mechanism for Negative Differential Resistance in Molecular Electronic Devices: Local Orbital Symmetry Matching**

14:30–15:00 Prof. Joachim P. Spatz (University Heidelberg, Germany )

**Programming Cell Responses by Interfacing Nanopatterns**

15:00–15:30 Prof. Yuliang Zhao (Institute of High Energy Physics, CAS)

**Nontoxic Chemotherapeutics of Cancer by Nanomedicine**

15:30–15:50 Coffee Break

Chairperson: Prof. Herbert Gleiter (Research Center Karlsruhe, Germany)

15:50–17:30 Free Discussion

18:00 Dinner

Note: The time includes five-minute question time.