NanoDay 2017
Thursday 28.09.2017

Talks: Appelstr. 4, 30167 Hanover, Multimedia Lecture Hall, Technical Computer Science (Building 3703)
Poster Session: Schneiderberg 39, 30167 Hannover, Foyer, Laboratory of Nano and Quantum Engineering (Building 3430)

Program

09:00 Greetings

09:15 - 10:45 Session I (in the multimedia lecture hall)

**Self-assembling Formation of Twisted Bilayer Graphene**
Johannes Rode
Institute for Solid State Physics, Group Haug

**Deposition and Characterization of ALD Al2O3 and HfO2**
Liu Hao
Laser Zentrum Hannover e. V., Laser Components Department, Group Ristau

**Carbon-MOF composites: A way to electronic applications of metal-organic frameworks**
Hendrik Schulze
Institute of Inorganic Chemistry, Group Behrens

10:45 Conference photo

10:50 - 11:20 Coffee break

11:20 - 12:20 Session II

**Ultracold Molecules**
Torben Schulze
Institute of Quantum Optics, Group S. Ospelkaus

**Ultrashort Pulse Laser Structuring - a new approach to designing electrodes?**
Karsten Lange
Institute of Physical Chemistry and Electrochemistry, Group Caro

12:30 - 13:30 Lunch break

13:30 - 15:00 Poster Session (in the LNQE research building)

15:00 – 16:30 Session III

**A simulative study on nucleation, growth and aggregation of metal oxide nanoparticles based on experimental insights of the nonaqueous sol-gel method**
Pierre Stolzenburg
Institute for Particle Technology (Tu Braunschweig), Group Garnweitner

**Improvement of the SRH Bulk Lifetime upon Formation of n-Type POLO Junctions for 25% Efficient Si Solar Cells**
Jan Krügener
Institute of Electronic Materials and Devices, Group Osten

**Spin and reoccupation dynamics in single quantum dots: Noise beyond the fluctuation-dissipation theorem**
Jens Hübner
Institute for Solid State Physics, Group Oestreich

16:30 – 16:45 Award ceremony of the poster prize

Follow-up: Get-together in the LNQE-research building to conclude the NanoDay, 2017.