

# Status Meeting of the Hannover School for Nanotechnology 15.06.2017

13:00 Greetings

15:00 – 16:00 Posters session (with coffee)

13:00 – 14:40 Session I:

- Switching of the Gas-Transport through Surface MOF Layers by External Stimuli  
Speaker: **Alexander Knebel**  
Supervisor: J. Caro
- Charge Reconfiguration in Arrays of Quantum Dots  
Speaker: **Johannes Bayer**  
Supervisor: R. Haug
- Epitaxial graphene nanoribbons: Growth and Electronic properties  
Speaker: **Johannes Aprojanz**  
Supervisor: C. Tegenkamp
- A Split-Ring-Resonator based biosensor with artificial receptors  
Speaker: **Adrian Gehl**  
Supervisors: S. Zimmermann, P. Behrens, T. Scheper
- Switchable Mono- and Multinuclear Iron Coordination Compounds  
Speaker: **Annika Preiss**  
Supervisor: F. Renz

16:00 – 17:40 Session II:

- Photoelectrochemical sensors based on cadmium selenide nanoplatelets  
Speaker: **Anja Schlosser**  
Supervisors: N. Bigall, A. Kirschning
- Graphene Based Sensors; towards application with carbon nanofiber  
Speaker: **Annas Bin Ali**  
Supervisors: R. Sindelar, R. Renz, C. Tegenkamp
- Pretreatment of natural fibres for sensoric materials in composites  
Speaker: **Vui Nghi Dang**  
Supervisors: H.-J. Endres, F. Renz
- Inertial sensor with entangled atoms  
Speaker: **Alexander Idel**  
Supervisor: C. Klempt
- Towards a detection noise robust quantum-enhanced magnetic field sensor  
Speaker: **Fabian Anders**  
Supervisors: C. Klempt, W. Ertmer

14:40 – 15:00 Short oral presentation of the posters

17:40 – 18:00 hsn-sensors general meeting

Afterwards: Group photo

18:00 End – Get-Together with barbecue