

Status Meeting of the Hannover School for Nanotechnology 19.01.2018

09:00 Greetings

09:00 – 10:20 Session I:

- A Calix[4]arene-based Metal-Organic Framework for NO₂ Sensing
Speaker: **Marcel Schulz**
Supervisor: P. Behrens
- Interaction between Ethanolamine and Zr-based Metal-Organic Frameworks
Speaker: **Malte Schäfer**
Supervisors: P. Behrens, S. Zimmermann
- Metal-organic frameworks as gas sensors
Speaker: **Ina Strauß**
Supervisors: J. Caro, N. Guschanski, T. Wietler
- Electrical characterization of Cu₃(BTC)₂ based MIS capacitors
Speaker: **Liz Margarita Montañez Huamán**
Supervisors: J. Osten, J. Caro

10:20 – 10:40 Short oral presentation of the posters

10:40 – 11:40 Posters session (with coffee)

Afterwards: Group photo

11:40 – 13:20 Session II:

- Ultrasensitive Current Sensor with CdSe/CdS-Nanorods
Speaker: **Benedikt Brechtken**
Supervisors: R. Haug, N. Bigall
- Switchable Multi-Nuclear Complexes
Speaker: **Dominik Natke**
Supervisors: F. Renz, R. Sindelar, C. Tegenkamp
- Electrospun polymer fibers for possible sensor applications
Speaker: **Bastian Dreyer**
Supervisors: R. Sindelar, F. Renz
- Nanotagging of plastics through incorporation of luminescent/spin crossover entities
Speaker: **Jacek Lecinski**
Supervisor: H.-J. Endres
- Optical Properties of Different Nickel Sulfide Nanostructures
Speaker: **Rasmus Himstedt**
Supervisors: D. Dorfs, D. Bahnemann

13:20 – 13:40 hsn-sensors general meeting

13:40 End – Get-Together with with pretzels and sparkling wine