

SFB 1083 Workshop

Internal Interfaces

Perspectives and Challenges for Theory

Wednesday, 08.11.2017, 10:00 h
Kleiner Hörsaal, Renthof 5, FB Physik

Session I (Chair: Prof. Dr. Kerstin Volz)

- 10:00 – 11:00 **Dr. Frank Ortmann (TU Dresden)**
Organic Semiconductors and Interfaces: Fundamentals for Applications
- 11:00 – 12:00 **Dr. Claudia Rödl (Uni Jena)**
Electronic Excitations in Matter from First Principles: From 3D towards 2D Systems
- 12:00 – 13:30 Lunch Break

Session II (Chair: Prof. Dr. Gregor Witte)

- 13:30 – 14:30 **Dr. Stefan Wippermann (MPI für Eisenforschung, Düsseldorf)**
Light-Matter Interactions at Interfaces: From Analysis Techniques to Applications in Solar Energy Conversion
- 14:30 – 15:30 **Dr. Stefan Schulz (Tyndall Nat. Inst., Ireland)**
Carrier localization effects in III-N alloys and heterostructures: Impact of random alloy fluctuations and interface roughness
- 15:30 – 16:00 Coffee Break
- 16:00 – 18:00 **Poster Session**