

SFB 1083 Workshop – Type II Semiconductor Interfaces

Thursday, 27.08.2015, 14:00 h
Kleiner Hörsaal, Renthof 5, FB Physik

Session I (Chair: Prof. Dr. Stephan W Koch)

- 14:00 - 14:20 **Dr. Philip Hens (A1)**
MOVPE- and RAS-studies on modified interfaces in semiconductor heterostructures
- 14:20 – 14:40 **Dr. Andreas Beyer (A5, A1)**
Quantitative characterization of interface roughness in type II structures by scanning transmission electron microscopy
- 14:40 - 15:00 **Sebastian Gies (B1)**
Optical spectroscopy of type II excitons
- 15:00 - 15:20 Coffee Break

Session II (Chair: Dr. Wolfgang Stolz)

- 15:20 - 15:40 **Dr. Arash Rahimi-Iman (B3)**
Ultrafast spectroscopy of dynamics in type-II semiconductor structures
- 15:40 - 16:00 **Dr. Osmo Vänskä (B4)**
Microscopic modelling of charge transfer excitations in quantum well heterostructures
- 16:00 - 16:20 Coffee Break

Session III (Chair: Prof. Dr. Wolfram Heimbrodt)

- 16:20 - 16:40 **Christian Berger (B7)**
Microscopic theory of W-laser structures
- 16:40 – 17:00 **Christian Fuchs (B7)**
MOVPE-investigations of Type-II-heterostructures for laser applications
- 17:00 – 17:20 **Christoph Möller (B7)**
Experimental analysis of Type-II-VECSEL-structures