

SFB 1083 Workshop – Type II Laser (Meeting 1)

16.04.2015, 15:30 h
Lahnberge, MZG SR 02D36

Session I

- 15:30 - 15:45 **Christian Fuchs (B7)**
Summary of the epitaxial growth of GaInAs/GaAsSb/GaAsP/GaAs type-II lasers
- 15:45 - 16:00 **Christoph Möller (B7)**
Demonstration of a semiconductor disk laser at 1200nm
- 16:00 - 16:15 **Christian Berger (B7)**
Theoretical comparison of type-I and type-II lasers and design of a 1300nm emitter
- 16:15 - 16:20 Break

Session II

- 16:20 - 16:35 **Sebastian Gies (B1)**
Optical properties of type-II excitons in W-type laser structures
- 16:35 - 16:50 **Michael Drexler (B7)**
Dynamics of type-II lasers
- 16:50 - 17:05 **Dr. Andreas Beyer (A5)**
Structural analysis of W-type laser structures and comparison to single quantum wells