

SFB 1083 and Physics Department – Workshop on Semiconductor Bloch Equations and Beyond

Friday, 24.02.2023, Big Lecture Hall, Renthof 5

online: <https://webconf.hrz.uni-marburg.de/b/jen-hav-jfd-zls/>

- 14:30 – 14:40 **Welcome by Dean Prof. Dr. Florian Gebhard & Introduction to the workshop by Prof. Dr. Martin Koch**
- 14:40 – 15:00 **Prof. Dr. Harald Giessen**, University of Stuttgart
Gain in Quantum dots and SIT on free excitons: My collaboration with Stephan W. Koch
- 15:00 – 15:20 **Prof. Dr. Martin Hofmann**, Ruhr-University Bochum
Dynamics of Semiconductor Lasers
- 15:20 – 15:40 **Prof. Dr. Frank Jahnke**, University of Bremen
Nonequilibrium and many-body effects in semiconductor lasers
- 15:40 – 16:00 Coffee break
- 16:00 – 16:20 **Prof. Dr. Mackillo Kira**, University of Michigan
Inside the Marburg School of Semiconductor Theory
- 16:20 – 16:40 **Prof. Dr. Andreas Knorr**, Technical University Berlin
Two sides of one coin at the Optical Sciences Center: excitation induced dephasing and light propagation
- 16:40 – 17:00 **Prof. Dr. Hans-Christian Schneider**, Technical University Kaiserslautern
Quantum electronics in semiconductors, ferromagnets and antiferromagnets
- 17:00 – 17:20 Coffee break
- 17:20 – 17:40 **Prof. Dr. Torsten Meier**, University of Paderborn
Using the versatile semiconductor Bloch equations to explore many-body correlations and coherent phototransport effects
- 17:40 – 17:50 **Dr. Hanno Steiner**, University of Paderborn
Group life with Stephan
- From 18:00 Post-Session, „Blauer Salon“ Meier III, Am Grün 35A