

NANO OPTICS Seminar WS2014/2015

Institute of Applied Physics, Abbe Center of Photonics, Friedrich-Schiller-Universität Jena
Version: 27.03.2015 – regular updates at www.iap.uni-jena.de/NANOseminar

- 01.10.2014**
Wednesday **Characterization of phase noise in fiber interferometers (research labwork presentation)**
Adee AMJAD
11:00, seminar room IAP
- 06.10.2014**
Monday **Optomechanical phenomena in microstructured optical fibers**
Anna BUTSCH – Max Planck Institute for the Science of Light, Erlangen
12:30, seminar room IAP
- 08.10.2014**
Wednesday **Displacement measurements using core structures of phase singularity (introducing Amit to the group)**
Amit SINGH
11:00, seminar room IAP
- 13.10.2014**
Monday **New developments in dissipative soliton theory**
Nail AKHMEDIEV – Australian National University, Canberra
15:30, seminar room IAP
- 14.10.2014**
Tuesday **Conference wrap-up Metamaterials 2014 Copenhagen**
Thomas KAISER, Stefan FASOLD, and Christoph MENZEL
10:30, seminar room IAP
- 05.11.2014**
Wednesday **Solution-processable 3D photonic crystals – a bottom-up fabrication procedure via imprint lithography**
Nicholas HENDRICKS – University of Massachusetts Amherst, USA
11:00, seminar room IAP
- 12.11.2014**
Wednesday **Resonant electron tunneling in a tip-controlled potential landscape**
Flavia TIMPU – ETH Zürich, Switzerland
13:30, seminar room IAP
- 19.11.2014**
Wednesday **Functionalization of plasmonic nano-resonators for bio-sensing applications (internship presentation)**
Rafael QUINTERO
11:00, seminar room IAP
- 26.11.2014**
Wednesday **Structural properties and growth modeling of III-V semiconductor nanowires**
Maria TIMOFFEEVA – Sankt-Petersburg Academic University of RAS
13:30, seminar room IAP
- 01.12.2014**
Monday **Narrowband plasmonic resonances and their applications (MSc Photonics defense)**
Egor KHAIDAROV
13:30, seminar room IAP
- 03.01.2014**
Wednesday **Below 50 nm core-shell BaTiO₃-Au nanoparticles for bioimaging and therapeutic applications (internship presentation)**
María SANZ PAZ
16:30, seminar room IAP
- 08.12.2014**
Monday **Cross-talk noise in multicolor metamaterial holograms (internship presentation)**
Arstan BISIANOV
13:30, seminar room IAP
- 21.01.2015**
Wednesday **Two-photon state engineering with a nonlinear directional coupler**
Frank SETZPFANDT
10:30, seminar room IAP

- 27.01.2015**
Tuesday
Confining light to atomic length scales
Bert HECHT – Julius Maximilian University of Würzburg
14:30, seminar room IAP
- 18.02.2015**
Wednesday
Relaxation dynamics of quantum systems in the vicinity of plasmonic structures (MSc Photonics defense)
Sergey MOROSOV
13:00, seminar room IAP
- 20.02.2015**
Friday
Combining four telescopes with discrete optics
Diane STOFFEL
10:30, seminar room IAP
- 05.02.2015**
Thursday
Nanoplasmonics: From classical electrodynamics to possible quantum mechanical phenomena (ASP guest professor talk)
Asger MORTENSEN - Technical University of Denmark - DTU
14:00, Zeiss room of the Fraunhofer Institute IOF at Campus Beutenberg
- 06.03.2015**
Friday
Below 50 nm core-shell BaTiO₃-Au nanoparticles for bioimaging and therapeutic applications (final internship presentation)
Maria SANZ
10:00, seminar room IAP
- Mapping the second-harmonic light distribution in oxide nanowires (master thesis defense)**
Marc REIG ESCALÉ
10:45, seminar room IAP
- 19.03.2015**
Thursday
Nanophotonic approaches to enhanced light-matter interactions: Slow-light (ASP guest professor talk)
Asger MORTENSEN - Technical University of Denmark - DTU
11:00, seminar room IAP
- 23.03.2015**
Monday
Calculation of band structure of metallic photonic crystals
Najme ABBASIRAD
13:30, seminar room IAP
- 25.03.2015**
Wednesday
Nanophotonic approaches to enhanced light-matter interactions: Field-enhancement effects (ASP guest professor talk)
Asger MORTENSEN - Technical University of Denmark - DTU
13:30, seminar room IAP
- 30.03.2015**
Monday
Second-harmonic generation in periodic nanobeam waveguides (research labwork presentation)
Rafael QUINTERO-BERMUDEZ
13:30, seminar room IAP
- 31.03.2015**
Tuesday
Nanoplasmonics probed by fast electrons (ASP guest professor talk)
Asger MORTENSEN - Technical University of Denmark - DTU
11:00, seminar room IAP

The seminar room of the Institute of Applied Physics is located at in the new part of the institute building in the first floor Campus Beutenberg, Albert-Einstein-Strasse 15, 07745 Jena. External guests: please ring at the secretary's office from the main entrance to the institute (phone 47800). The Carl Zeiss seminar room of the Fraunhofer Institute Jena is located at Campus Beutenberg, Albert-Einstein-Strasse 7, 07745 Jena. For further information please contact T. Pertsch (thomas.pertsch@uni-jena.de, +49 3641 947840).