

NANO OPTICS Seminar WS2010

Institute of Applied Physics, Friedrich Schiller University Jena

Version: 31.03.2011

- 18.10.2010** Discussion of current topics
Monday *Thomas PERTSCH*
1:30 pm, seminar room IAP
- 21.10.2010** Tunable fishnet metamaterials infiltrated by liquid crystals
Thursday *Alex MINOVICH, ANU Canberra, Australia*
1:30 pm, seminar room IAP
- 25.10.2010** Magnetic properties of asymmetric, plasmonic double-wires
Monday *Ekaterina PSHENAY-SEVERIN*
1:30 pm, seminar room IAP
- 03.11.2010** Analysis of Interactions between optical Micro-Resonators and external disturbances
Wednesday *Mattes LIEBSCH*
10:30 am, seminar room IAP
- 08.11.2010** Multipoles & quantum objects in metamaterials (nanolaser, loss compensation etc) – an overview
Monday *Arkadi CHIPOULINE*
1:30 pm, seminar room IAP
- 09.11.2010** Energetic few-cycle compressed femtosecond pulses with cascaded quadratic nonlinearities
Tuesday *Morten BACHE, Department of Photonics Engineering, DTU, Denmark*
10:30 am, seminar room IAP
- 15.11.2010** Large scale FMM and incoherent S-Matrix algorithm applied to Black Silicon SIS solar cells
Monday *Matthias KROLL*
1:30 pm, seminar room IAP
- 22.11.2010** Spatial dispersion and multipole approach to homogenization of metamaterials
Monday *Arkadi CHIPOULINE*
1:30 pm, seminar room IAP
- 26.11.2010** Quality analysis of digital video chain
Friday *Giang Nam NGUYEN*
2:00 pm, seminar room IAP
- 29.11.2010** Experimental bandstructure analysis in LiNbO₃ waveguide arrays
Monday *Frank SETZPFANDT*
3:00 pm, seminar room IAP
- 13.12.2010** Multicolor computer-generated holograms with metamaterials
Monday *Benny WALTHER*
1:00 pm, seminar room IAP
- 20.12.2010** Experimental investigation of a 3D chiral meta-atom
Monday *Christian HELGERT*
3:50 pm, seminar room IAP
- 14.01.2011** Optical measurements with two SNOM tips
Friday *Angela KLEIN*
2:15 pm, seminar room IAP

- 17.01.2011**
Monday **Excitation of resonances at defects in LiNbO₃ photonic crystal waveguides**
Séverine DIZIAIN
1:30 pm, seminar room IAP
- 24.01.2011**
Monday **Extension of the multipole approach for metamaterials to the case of interacting meta-atoms in regular and random lattices**
Srikanth SUGAVANAM
1:30 pm, seminar room IAP
- 28.01.2011**
Friday **Thermal nonlinearity in coupled disk microresonators**
Carsten SCHMIDT
2:30 pm, seminar room IAP
- 08.02.2011**
Tuesday **Progress on coupling between plasmonic and dielectric waveguides**
Michael STEINERT
10:00 pm, seminar room IAP
- 07.02.2011**
Monday **Transmission through V-grooves**
Norik JANUNTS
1:30 pm, seminar room IAP
- 14.02.2011**
Monday **Photons and stars: briefing on the Astrophotonic projects**
Stefano MINARDI
1:30 pm, seminar room IAP
- 07.03.2011**
Monday **Laser diode characterization at nanoPlus (defense of ASP Internship project)**
Anshuman SINGH
2:00 pm, seminar room IAP
- 08.03.2011**
Tuesday **Methoden zur Charakterisierung effektiver Parameter nanostrukturierter optischer Materialien (defense of Diploma thesis)**
Matthias FALKNER
2:00 pm, seminar room IAP
- Bandstructure measurements of lithium niobate waveguide arrays**
Frank SETZPFANDT
after Matthias' defense
- 23.03.2011**
Wednesday **Domain reversal and microfabrication on lithium niobate**
Hao ZENG, Nankai University, China
10:30 am, seminar room IAP
- 25.03.2011**
Friday **Design and characterization of a micrometric optical sensor for a coordinate measuring machine (defense of ASP Internship project)**
Maritza TANGARIFE ORTIZ
2:00 pm, seminar room IAP
- 29.03.2011**
Tuesday **Angular spectroscopy system (defense of ASP Internship project)**
Adam KRYSINSKI
1:30 pm, seminar room IAP
- 31.03.2011**
Thursday **Study of the adsorption of proteins on nanostructured surfaces**
Jessica HÖNIG
2:00 pm, seminar room IAP

The seminar room of the Institute of Applied Physics is located at Campus Beutenberg, Albert-Einstein-Strasse 15, 07745 Jena. The seminar room is in the new part of the institute building in the first floor. 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).