

NANO OPTICS Seminar SS2013

Institute of Applied Physics, Friedrich-Schiller-Universität Jena

Version: 26.09.2013 – regular updates at www.iap.uni-jena.de/NANOseminar

- 10.04.2013**
Wednesday **META'13 - Conference wrap up**
Arkadi CHIPOULINE and Christoph MENZEL
10:30, seminar room IAP
- 17.04.2013**
Wednesday **COPE: ultrashort pulses from seeded Hawking radiation**
Falk EILENBERGER
13:30, seminar room IAP
- 18.04.2013**
Thursday **3D Gruppierung von plasmonischen Nanostrukturen**
Gitta SIMON (Master thesis defense)
14:30, seminar room IAP
- 23.04.2013**
Tuesday **Mode dynamics in coupled disk optical microresonators**
Carsten SCHMIDT
17:15, lecture hall 2
- 24.04.2013**
Wednesday **Optical parametric oscillators: from bow-ties to whispering galleries**
Ingo BREUNIG – IMTEK, University of Freiburg
Karsten BUSE – Fraunhofer-Institut für Physikalische Messtechnik IPM, Freiburg
10:00, seminar room IAP
- 25.04.2013**
Thursday **Hankel type surface plasmon polaritons**
Dmitry SIVUN (Master thesis defense)
16:00, seminar room IAP
- 29.04.2013**
Monday **Fabrication of plasmonic nanostructures out of monocrystalline gold flakes using FIB and PMMA mediated transfer**
Xiaofei WU - Universität Würzburg
13:30, seminar room IAP
- 06.05.2013**
Monday **Lithium niobate photonic crystals**
Séverine DIZIAIN
13:30, seminar room IAP
- 08.05.2013**
Wednesday **Ultra light trapping in solar cells - efficiency enhancement by suppression of radiative recombination**
Matthias ZILK
10:30, seminar room IAP
- 27.05.2013**
Monday **Symmetry induced nonlocal nonlinearity in lithium niobate waveguide arrays**
Frank SETZPFANDT
13:30, seminar room IAP
- 05.06.2013**
Wednesday **Excitation and detection characteristics of a dual-SNOM system**
Angela KLEIN
10:30, seminar room IAP
- 10.06.2013**
Monday **Excitation of superfocusing surface plasmon polaritons**
Bayarjargal NARANTSATSRALT
13:30, seminar room IAP
- 12.06.2013**
Wednesday **Metamaterial holograms**
Benny WALTHER
10:30, seminar room IAP
- Metasurfaces for microwaves**
Laura Maria PULIDO MANCERA - National University of Colombia
11:30, seminar room IAP

- 24.06.2013**
Monday
Lithium niobate nanostructures
Reinhard GEISS
13:30, seminar room IAP
- 26.06.2013**
Wednesday
Core-shell nanoparticles for mapping near electromagnetic fields
Rachel GRANGE
10:30, seminar room IAP
- 27.06.2013**
Thursday
Narrowband resonances in active/passive nanoplasmonics
Egor KHAIDAROV
10:30, seminar room IAP
- 01.07.2013**
Monday
Multipole analysis of meta-atoms and nano-antennas
Christoph MENZEL
13:30, seminar room IAP
- 03.07.2013**
Wednesday
Time resolved images of filaments in dielectrics
Stefano MINARDI
10:30, seminar room IAP
- 04.07.2013**
Thursday
Silicon-disk all-dielectric nanoantennas
Isabelle STAUDE – Australian National University, Canberra
Light manipulation in chiral plasmonic nanostructures
Manuel DECKER – Australian National University, Canberra
10:30, seminar room IAP
- 11.07.2013**
Thursday
Experimental characterization techniques for plasmonic nanostructures
Matthias FALKNER
10:30, seminar room IAP
- 11.07.2013**
Thursday
Airy pulses and pulses with arbitrary temporal trajectories
Nils BECKER
13:15, seminar room IAP
- 15.07.2013**
Monday
Focused ion beam milling and plasmon-polariton waveguide modes
Michael STEINERT
13:30, seminar room IAP
- 29.07.2013**
Monday
Characterization of optical components for lightwave communication
Svyatoslav KHARITONOV (Master thesis defense)
13:30, seminar room IAP
- 01.08.2013**
Thursday
Fourier-transform imaging of lithium niobate nanowire
Marc BARBRY
13:30, seminar room IAP
- 02.08.2013**
Friday
Core-shell lithium niobate nanowire for nonlinear optical enhancement
Benjamin LEROY
Nonlinear pulse broadening and compression of ultrashort pulses
Pierre LHÉRITIER
10:00, seminar room IAP
- 22.08.2013**
Thursday
Potential analogy of cavity optical extraction to Hawking radiation
Scott SKIRLO – Massachusetts Institute of Technology
13:00, seminar room IAP
- 26.08.2013**
Monday
From plasmonic microcavities to the plasmonic black-hole
Hovhannes HAROYAN – Yerevan State University, Armenia
13:30, seminar room IAP

- 02.09.2013**
Monday
Apertureless scanning nearfield optical microscopy
Dimitry KAZANTSEV – Fraunhofer IISB, Erlangen
13:30, seminar room IAP
- 09.09.2013**
Monday
Loss compensation in nanooptical components for lightwave communication
Roman KISELEV (Master thesis defense)
13:00, seminar room IAP
- 23.09.2013**
Monday
Light emission in nanoscale environments
Dragomir NESHEV – Australian National University, Canberra
13:30, seminar room IAP
- 24.09.2013**
Tuesday
Optical metamaterials: links between symmetries and optical properties
Sergey KRUK – Australian National University, Canberra
13:30, seminar room IAP
- 26.09.2013**
Thursday
Topological insulators, graphene and their applications in optics I
Dragomir NESHEV – Australian National University, Canberra
10:30, seminar room IAP
- 30.09.2013**
Monday
Controlling of Airy plasmon trajectories
Alex MINOVICH – Australian National University, Canberra
14:00, 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).