

NANO OPTICS Seminar WS2011/12

Institute of Applied Physics, Friedrich-Schiller-Universität Jena

Version: 04.05.2012

- 04.10.2011** **Second harmonic generation and waveguiding in LiNbO₃ nanowires**
Tuesday **Archan BANNERJEE**
10:00 am, seminar room IAP
- 06.10.2011** **High speed data transmission in modern microscopy systems**
Thursday **Taimoor SAIF TALPUR**
Generation and near-field imaging of Airy plasmons
Alexander MINOVICH, Australian National University, Canberra
11:00 am, seminar room IAP
- 07.10.2011** **Scanning Fabry-Perot spectrometer**
Friday **Alexander BROWN**
Color control of a LED lamps
Achut GIREE
12:40 pm, seminar room IAP
- 14.10.2011** **Labview program for spectroscopic near-field optical measurements**
Friday **Xialong WANG**
2:00 pm, seminar room IAP
- 20.10.2011** **Time-resolved electroluminescence measurements of OLED devices**
Thursday **Rossa MAC CIARNAIN**
Optical spectroscopy of linear arrays of nanodiscs
Maritza TANGARIFE ORTIZ
10:00 am, seminar room IAP
- 10.11.2011** **Tunable optical metamaterials**
Thursday **Dragomir NESHEV, Australian National University, Canberra**
11:00 am, seminar room IAP
- 17.11.2011** **Diamond- and carbon-based optical systems: ideas and concepts**
Thursday **Alexander SZAMEIT**
10:00 am, seminar room IAP
- 24.11.2011** **Ultrafast and near-field polarimetry of plasmonic nanostructures**
Thursday **Maxim SHCHERBAKOV, Moscow State University, Russia**
10:00 am, seminar room IAP
- 29.11.2011** **On the relativity of impedances**
Tuesday **Thomas KAISER**
1:30 pm, seminar room IAP
- 01.12.2011** **Combined frequency conversion and pulse compression in tapered waveguides**
Thursday **Alex SOLNTSEV, ANU Canberra, Australia**
9:00 am, seminar room IAP
- 06.12.2011** **Experimental characterization of computer generated holograms (CGHs) from metamaterials**
Tuesday **Benny WALTHER**
1:30 pm, seminar room IAP

- 08.12.2011**
Thursday
Validity of scalar scattering theory for rough ITO substrates
Matthias KROLL
9:00 am, seminar room IAP
- Scattered light of nanostructures**
Sapna SHUKLA, ASP/Carl Zeiss – Master Thesis defense
1:00 pm, seminar room IAP
- Speckle signature of rough surfaces**
José OJEDA, ASP/Carl Zeiss – Master Thesis defense
1:45 pm, seminar room IAP
- 15.12.2011**
Thursday
Pulse induced ultrafast cavity dumping
Falk EILENBERGER
10:00 am, seminar room IAP
- 20.12.2011**
Tuesday
Nanostructuring with the Helium Ion Microscope (HIM)
Michael STEINERT
1:30 pm, seminar room IAP
- 22.12.2011**
Thursday
How many effective parameters do we need for metamaterials?
Arkadi CHIPOULINE
10:00 am, seminar room IAP
- 03.01.2012**
Tuesday
Selective resonance tuning in coupled microdisks
Carsten SCHMIDT
1:30 pm, seminar room IAP
- 05.01.2012**
Thursday
Pseudo-heterodyne detection for phase resolved scattering SNOM measurements
Norik JANUNTS
10:00 am, seminar room IAP
- 10.01.2012**
Tuesday
Fabrication and characterization of LiNbO₃ nanostructures
Reinhard GEISS
1:30 pm, seminar room IAP
- 19.01.2012**
Thursday
Advances on Airy plasmons and double tip SNOM
Angela KLEIN
10:00 am, seminar room IAP
- 26.01.2012**
Thursday
Core shell KNbO₃ nanowires
Jessica RICHTER
10:00 am, seminar room IAP
- 14.02.2012**
Tuesday
Characterization of light filaments in water
Stefano MINARDI
1:30 pm, seminar room IAP
- 16.02.2012**
Thursday
Vortex Light Bullets
Karin PRATER
1:30 pm, seminar room IAP
- 21.02.2012**
Tuesday
Discrete quadratic solitons with competing second-harmonic generation
Frank SETZPFANDT
1:00 pm, seminar room IAP
- 23.02.2012**
Thursday
Nonlinear measurements of plasmonic structures
Jörg REINHOLD
10:00 am, seminar room IAP

- 28.02.2012** **Lithium niobate photonic crystals**
Tuesday **S everine DIZIAIN**
1:30 pm, seminar room IAP
- 06.03.2012** **Syntheses of noble metal nanoparticles and water-soluble quantum dots**
Tuesday **Andrea STEINBR UCK**
1:30 pm, seminar room IAP
- 12.03.2012** **Time-resolved electroluminescence decay analysis of organic LED devices**
Monday **Rossa MAC CIARNAIN**
10:00 am, meeting room 308
- 13.03.2012** **Time resolved spectroscopy of laser plasma**
Tuesday **Farnaz GHASEMI**
9:30 am, meeting room 308
- 13.03.2012** **Low temperature plasmonics**
Tuesday **Ekaterina PSHENAY-SEVERIN**
1:30 pm, seminar room IAP
- 27.03.2012** **Second-harmonic waveguiding and resonance modes in oxide and semiconductor nanowires**
Tuesday **Anton SERGEYEV**
1:30 pm, seminar room IAP
- 29.03.2012** **How to assemble a PEEM setup**
Thursday **Matthias FALKNER**
13:30 pm, 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).