

# Nano-optics Seminar WS2009/2010

Institute of Applied Physics, Friedrich Schiller University Jena

Version: 26.01.2010

- 25.09.2009**  
**Friday**      **Slow-light enhanced non-linear optics - effects and applications**  
*Bill CORCORAN, CUDOS, University of Sydney*  
1:30 pm, meeting room Nanooptics
- 07.10.2009**  
**Wednesday**      **Nano-optics 2009 - 1**  
*Thomas PERTSCH*  
2:00 pm, meeting room Nanooptics
- 13.10.2009**  
**Tuesday**      **Non-zero-order light: Beams that can do what a Gaussian cannot**  
*Siddharth RAMACHANDRAN, DTU-Fotonik, Danish Technical University*  
1:30 pm, Carl-Zeiss seminar room, Fraunhofer Institute
- 20.10.2009**  
**Tuesday**      **Can optics send a man to the moon?**  
*Stefano MINARDI*  
1:30 pm, meeting room Nanooptics
- 26.10.2009**  
**Monday**      **Nano-optics 2009 - 2**  
*Thomas PERTSCH*  
1:30 pm, meeting room Nanooptics
- 27.10.2009**  
**Tuesday**      **Simulation of drift-kinetic dynamics of charged particles in magnetized plasmas**  
*Stilianos LOUCA*  
1:30 pm, meeting room Nanooptics
- 02.11.2009**  
**Monday**      **FIO-Wrap-up**  
*Carsten SCHMIDT and Jörg PETSCHULAT*  
1:30 pm, meeting room Nanooptics
- 03.11.2009**  
**Tuesday**      **Supercontinuum generation in composites doped with silver nanoparticles**  
*Rodislav DRIBEN, Max-Born-Institut, Berlin*  
1:30 pm, meeting room Nanooptics
- 09.11.2009**  
**Monday**      **Analysis of Interactions between optical micro-resonators and external disturbances**  
*Mattes LIEBSCH*  
1:30 pm, meeting room Nanooptics
- 10.11.2009**  
**Tuesday**      **Hybrid organic-anorganic solar cells: Device electronics and optical properties of 2D nanowire configurations**  
*Matthias KROLL*  
4:00 pm, meeting room Nanooptics
- 16.11.2009**  
**Monday**      **Two-color solitons with staggered second-harmonic components in LiNbO<sub>3</sub> waveguide arrays**  
*Frank SETZPFANDT*  
1:30 pm, meeting room Nanooptics
- 17.11.2009**  
**Tuesday**      **Resonance interaction with plasmonic nano resonators**  
*Arkadi CHIPOULINE*  
4:00 pm, meeting room Nanooptics

- 23.11.2009**  
**Monday**  
**The photonic astro-interferometer: expectations and state-of-the-art**  
*Stefano MINARDI*  
1:30 pm, meeting room Nanooptics
- 30.11.2009**  
**Monday**  
**Optimization of the magnetic response of metamaterials**  
*Katja PSHENAY-SEVERIN*  
1:30 pm, meeting room Nanooptics
- 01.12.2009**  
**Tuesday**  
**Properties of the Hankel type Surface Plasmons**  
*Norik JANUNTS*  
4:00 pm, meeting room Nanooptics
- 07.12.2009**  
**Monday**  
**Solitary acoustic pulses at solid surfaces and edges**  
*Andreas MAYER, Hochschule Offenburg*  
1:30 pm, meeting room Nanooptics
- 14.12.2009**  
**Monday**  
**Design of multicolored computer-generated holograms with metamaterials**  
*Benny WATLHER*  
1:30 pm, meeting room Nanooptics
- 15.12.2009**  
**Tuesday**  
**Methoden zur Charakterisierung effektiver Parameter nanostrukturierter optischer Materialien**  
*Matthias FALKNER*  
4:00 pm, meeting room Nanooptics
- 16.12.2009**  
**Wednesday**  
**Combining two SNOM tips: Status report**  
*Angela KLEIN*  
1:30 pm, meeting room Nanooptics
- 21.12.2009**  
**Monday**  
**Spacetime-coupling in fiber arrays**  
*Falk EILENBERGER*  
1:30 pm, Mount Insel, seminary room
- 04.01.2010**  
**Monday**  
**META-waveguides**  
*Thomas KAISER*  
1:30 pm, meeting room Nanooptics
- 11.01.2010**  
**Monday**  
**Lithium Niobate photonic crystals**  
*Reinhard GEIß*  
1:30 pm, meeting room Nanooptics
- 13.01.2010**  
**Wednesday**  
**Optical activity and electrodynamically induced transparency analogies in planar metamaterials: Advanced of our multipole-based formalism**  
*Joerg PETSCHULAT*  
11:00 am, meeting room Nanooptics
- 18.01.2010**  
**Monday**  
**Coupling between dielectric and plasmonic waveguides**  
*Michael STEINERT*  
1:30 pm, meeting room Nanooptics
- 20.01.2010**  
**Wednesday**  
**Optical transmission through nanohole: Biological application**  
*Norik JANUNTS*  
11:00 am, meeting room Nanooptics
- 25.01.2010**  
**Monday**  
**Artificial amorphisation of a cut-wire pair metamaterial**  
*Christian HELGERT*  
1:30 pm, meeting room Nanooptics

- 01.02.2010**  
**Monday**      **Optical near-field characterization of LN photonic crystals**  
*Séverine DIZIAIN*  
1:30 pm, meeting room Nanooptics
- 03.02.2010**  
**Wednesday**      **Apertureless SNOM**  
*Dmitry Kazantsev*  
11:00 am, meeting room Nanooptics
- 08.02.2010**  
**Monday**      **SHG in structured LiNbO<sub>3</sub>**  
*Jörg REINHOLD*  
1:30 pm, meeting room Nanooptics
- 09.02.2010**  
**Tuesday**      **MAMMUT: status report**  
*Izabela SPALENIAK*  
10:00 am, meeting room Nanooptics
- 09.02.2010**  
**Tuesday**      **Heterodyne SNOM - phase resolved optical measurements:  
status report**  
*Norik JANUNTS*  
4:00 pm, meeting room Nanooptics
- 15.02.2010**  
**Monday**      **Coupled optical microdisk resonators**  
*Carsten SCHMIDT*  
1:30 pm, meeting room Nanooptics

The meeting room Nanooptics is now located at Campus Beutenberg, Albert-Einstein-Strasse 6, 07745 Jena in the building close to the Abbe Zentrum Beutenberg.  
For further information please contact T. Pertsch ([thomas.pertsch@uni-jena.de](mailto:thomas.pertsch@uni-jena.de)).