

# NANO OPTICS Seminar WS2013/2014

Institute of Applied Physics, Abbe Center of Photonics, Friedrich-Schiller-Universität Jena  
Version: 10.03.2014 – regular updates at [www.iap.uni-jena.de/NANOseminar](http://www.iap.uni-jena.de/NANOseminar)

- 01.10.2013**      **Topological insulators, graphene and their applications in optics**  
**Tuesday**            *Dragomir NESHEV – Australian National University, Canberra*  
10:30, seminar room IAP
- 21.10.2013**      **Relaxation dynamics of quantum systems coupled with nanostructures**  
**Monday**            *Sergey MOROZOV*  
13:30, seminar room IAP
- 28.10.2013**      **Metamaterials 2013 – Conference wrap up**  
**Monday**            *Christoph MENZEL*  
13:30, seminar room IAP
- 30.10.2013**      **Analytische Modellierung von Metamaterialien**  
**Wednesday**        *Arkadi CHIPOULINE*  
10:00, seminar room IAP
- 04.11.2013**      **Nearfield optical investigations of nano-plasmonic particle assemblies**  
**Monday**            *Moritz ESSLINGER – Optical System Design group at IAP*  
13:30, seminar room IAP
- 06.11.2013**      **Integrated periodically and aperiodically poled lithium niobate (PPLN/APLN) photonics and laser devices**  
**Wednesday**        *Wei-Kun CHANG – National Central University, Taiwan*  
10:30, seminar room IAP
- 11.11.2013**      **Ausbreitung von OF-Plasmon-Polaritonen an Metallgrenzflächen - Vortrag zur Bachelorarbeit**  
**Monday**            *Dominik KÜHN*  
13:30, seminar room IAP
- 18.11.2013**      **Paper tracking system of the nano optics group**  
**Monday**            *Thomas KAISER*  
13:30, seminar room IAP
- 20.11.2013**      **Surface plasmon steering via spherical plasmonic lens**  
**Wednesday**        *Norik JANUNTS*  
10:30, seminar room IAP
- 25.11.2013**      **Plasmonic Moiré magnifier**  
**Monday**            *Stefan FASOLD*  
13:30, seminar room IAP
- 27.11.2013**      **The curse of knowledge**  
**Wednesday**        *Benny WALTHER*  
10:30, seminar room IAP
- 11.12.2013**      **Characterization of QD's photoluminescence decay dynamics with time-correlated single photon counting technique**  
**Wednesday**        *Ekaterina PSHENAY-SEVERIN*  
**Implementation of a fast imaging XFROG experiment**  
*Brenda DOHERTY*  
10:30, seminar room IAP
- 16.12.2013**      **Coupling of plasmonic and dielectric waveguides**  
**Monday**            *Michael STEINERT*  
13:30, seminar room IAP

- 18.12.2013**  
**Wednesday**      **Plasmonic intermediate reflecting layer for thin film tandem solar cells**  
*Matthias ZILK*  
10:30, seminar room IAP
- 08.01.2014**  
**Wednesday**      **10:30, seminar room IAP A VIS to NIR optofluidic device based on functionalized plasmonic nanoparticle dense films**  
*Andrea STEINBRÜCK*  
13:30, seminar room IAP
- 13.01.2014**  
**Monday**          **Lithium niobate photonic crystals**  
*Séverine DIZIAIN*  
13:30, seminar room IAP
- 20.01.2014**  
**Monday**          **Understanding the properties of a dual-SNOM system**  
*Angela KLEIN*  
13:30, seminar room IAP
- 22.01.2014**  
**Wednesday**      **Photonic beam combiner for nulling interferometry**  
*Stefano MINARDI*  
10:30, seminar room IAP
- 22.01.2014**  
**Wednesday**      **Phase-matching in lithium niobate nanowires**  
*Anton SERGEYEV*  
13:30, seminar room IAP
- 27.01.2014**  
**Monday**          **Progress on plasmonic tips**  
*Bayarjargal NARANTSATSRALT*  
**Near-field mapping of SPPs using scattering SNOM : influence of higher harmonic demodulation (internship report)**  
*Getnet KASSA*  
13:30, seminar room IAP
- 29.01.2014**  
**Wednesday**      **Characterization of optical properties of quantum dots on different substrates**  
*Ekaterina PSHENAY-SEVERIN*  
10:30, seminar room IAP
- 05.02.2014**  
**Wednesday**      **Advances in Lithium Niobate nano patterning**  
*Reinhard GEISS*  
10:30, seminar room IAP
- 13.02.2014**  
**Thursday**        **Nonlinear interaction in Lithium Niobate photonic crystal waveguides**  
*Sina SARA VI*  
13:30, seminar room IAP
- 24.02.2014**  
**Monday**          **Entangled photon generation by spontaneous parametric down conversion**  
*Frank SETZPFANDT*  
14:30, seminar room IAP
- 26.02.2014**  
**Wednesday**      **Bloch mode extraction in slow light photonic crystal waveguides**  
*Marc REIG ESCALE*  
11:00, seminar room IAP
- 11.03.2014**  
**Tuesday**        **Phononic crystals for light and sound interaction**  
*Vincent LAUDE - FEMTO-ST Institute, Besançon, France*  
10:30, seminar room IAP
- 17.03.2014**  
**Monday**          **Below 50 nm BaTiO<sub>3</sub> core-shell nanoparticles**  
*Sophie CAUJOLLE – internship report*  
13:30, 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](mailto:thomas.pertsch@uni-jena.de), +49 3641 947840).