

NANO OPTICS Seminar SS2017

Institute of Applied Physics, Abbe Center of Photonics, Friedrich-Schiller-Universität Jena
Version: 29.09.2017 – regular updates at www.iap.uni-jena.de/NANOseminar

- 25.04.2017**
Tuesday
Light rectification with plasmonic nanocone point contact-insulator-metal architecture
Rajeshkumar MUPPARAPU
11:00, seminar room 1 ACP
- 05.05.2017**
Friday
Integration of MoS₂ monolayers with dielectric nano antennas – Master thesis defense
Tobias BUCHER
10:30, auditorium ACP
- 09.05.2017**
Tuesday
Optical metasurfaces based on nanoscale dielectric resonators
Chengjun ZOU
10:30, seminar room 1 ACP
- 16.05.2017**
Tuesday
Generation and measurement of quantum light: from waveguides to metasurfaces
Andrey SUKHORUKOV – Australian National University, Canberra
10:30, seminar room 1 ACP
Highly directional second-harmonic generation from AlGaAs nanoparticles
Maria del Rocio CAMACHO MORALES – Australian National University, Canberra
13:30, seminar room 1 ACP
- 16.06.2017**
Friday
Mie resonances in silicon nanostructures with embedded Ge quantum dots
Viktoriia RUTCKAIA – Martin-Luther University Halle-Wittenberg
11:00, auditorium ACP
- 20.06.2017**
Tuesday
Modeling of spatio-temporal dynamics in transversely extended resonant optical systems
Anton PAKHOMOV
14:00, seminar room 1 ACP
- 22.06.2017**
Thursday
Scattering properties of scanning near-field optical microscopy tips – Master thesis defense
Mohammadreza YOUNESI
14:30, seminar room 1 ACP
- 23.06.2017**
Friday
Micro- and nano-particle trapping using fibered optical nano-tweezers
Jochen FICK – Institut Néel, Grenoble, France
10:30, auditorium ACP
- 06.07.2017**
Thursday
Novel material for linear optics
Daniel WERDEHAUSEN - Carl Zeiss AG, Corporate Research & Technology
14:00, seminar room 1 ACP
- 18.07.2017**
Tuesday
Linear and nonlinear holographic metasurfaces
Lei WANG – Australian National University, Canberra
10:30, seminar room 1 ACP
- 25.07.2017**
Tuesday
The study of quantum optical circuits in domain structured lithium niobate
Hung-Pin CHUNG – National Central University Jhongli, Taiwan
13:30, seminar room 1 ACP

- 15.08.2017**
Tuesday **Coupling of quantum dot emission to dielectric metasurfaces integrated into a liquid crystal cell – Master thesis defense**
Justus BOHN
10:30, seminar room 1 ACP
- 17.08.2017**
Thursday **Perfect absorbers based on Mie-resonant Silicon metasurfaces – internship presentation**
Denizhan SIRMACI
10:30, seminar room 1 ACP
- 01.09.2017**
Friday **Photoinduced manipulation of liquids on small scales**
Steffen HARDT, Department for Nano- und Microfluidics, TU Darmstadt
10:30, Auditorium ACP
- 07.09.2017**
Thursday **Active photonic devices based on liquid crystals - state of the art**
Alexander MURAVSKY – National Academy of Science of Belarus
10:30, seminar room 1 ACP
- 11.09.2017**
Monday **Fundamentals of liquid crystals: materials and technologies**
Anatoly MURAUSKI – National Academy of Science of Belarus
Liquid crystal alignment: theory and practice
Alexander MURAVSKY – National Academy of Science of Belarus
14:00, seminar room 2 ACP
- 26.09.2017**
Tuesday **Nanostructured optical elements for three-dimensional imaging**
Chunqi JIN – Changchun Institute of Optics, Fine Mechanics and Physics
13:30, auditorium ACP
- 29.09.2017**
Friday **Active tuning of Silicon metasurfaces based on liquid crystals: towards structured electrodes and photo alignment**
Andrei KOMARS – Australian National University, Canberra
10:30, seminar room 1 ACP

The seminar rooms and auditorium of the Abbe Center of Photonics are located in the foyer area in the ground floor of the building, Campus Beutenberg, Albert-Einstein-Straße 6, 07745 Jena. The meeting rooms are located in the upper floors of the Abbe Center of Photonics according to the first digit of their number.

The Carl Zeiss seminar room of the Fraunhofer Institute Jena is located at Campus Beutenberg, Albert-Einstein-Straße 7, 07745 Jena. The seminar room of the Institute of Applied Physics is located at in the yellow 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).

For further information please contact Thomas Pertsch (thomas.pertsch@uni-jena.de, +49 3641 947560).