02.04.2014 Wednesday
Linear and nonlinear optical characterization of photonic crystal L3 cavities in z-cut lithium niobate membranes
Nazila SAFARI – internship report
13:30, seminar room IAP

07.04.2014 Monday
Exploiting MEEP for nonlinear simulations of plasmonic systems
Illia THIELE
15:00, seminar room IAP

16.04.2014 Wednesday
Imaging ultrashort pulse propagation with inverse Raman scattering
Stefano MINARDI
11:00, seminar room IAP

23.04.2014 Wednesday
Plasmonic enhancement of waveguide integrated absorption spectroscopy for biosensing applications
Thomas KAISER and Xiaohan WANG
11:00, seminar room IAP

05.05.2014 Monday
Harmonic generation in plasmonic nanostructures
Jörg REINHOLD
13:30, seminar room IAP

26.05.2014 Monday
Emission characteristics of SNOM tips depending on the tapering geometry
Bayarjargal NARANTSATSRALT
15:00, seminar room IAP

28.05.2014 Wednesday
Painful tales from a communicative lab: towards an Open Unified Device Framework
Falk EILENBERGER
11:00, seminar room IAP

02.06.2014 Monday
Relaxation of quantum system in the vicinity of nanoresonators: some concerns
Arkadi CHIPOULINE
13:30, seminar room IAP

05.06.2014 Thursday
Nonlocal plasmonic response in metallic nanostructures
Asger MORTENSEN – Technical University of Denmark
13:00, seminar room IAP

06.06.2014 Friday
BaTiO$_3$ SHG mapping
Kevin FLOC’H
10:30, seminar room IAP

11.06.2014 Wednesday
Handling stacked chiral media with the scattering matrix method
Jan SPERRHAKE
11:00, seminar room IAP

18.06.2014 Wednesday
Cascaded quantum walks
Alexander SOLNTSEV – Australian National University, Canberra
11:00, seminar room IAP

23.06.2014 Monday
Optical characterization of plasmonic structures by single- and dual-probe SNOM
Angela KLEIN
13:30, seminar room IAP
<table>
<thead>
<tr>
<th>Date</th>
<th>Title</th>
<th>Speaker</th>
<th>Time</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>25.06.2014</td>
<td>Narrowband resonances in coupled linear plasmonic structures and their applications</td>
<td>Egor KHAIDAROV</td>
<td>11:00</td>
<td>IAP</td>
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<tr>
<td>07.07.2014</td>
<td>Metamaterial holograms with Silver patches</td>
<td>Benny WALther</td>
<td>13:30</td>
<td>IAP</td>
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<td></td>
<td>Hawking radiation verified in analogue gravity experiment</td>
<td>Silke WEINFURTNER – University of Nottingham</td>
<td>17:15</td>
<td>Lecture Hall 1, Abbeanum</td>
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<tr>
<td>09.07.2014</td>
<td>Spektrale Verbreiterung und zeitliche Verkürzung ultra kurzer Pulse hoher Leistung (BSc defense)</td>
<td>Stephan Schumann</td>
<td>10:00</td>
<td>IAP</td>
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<td></td>
<td>Experimental characterization techniques for plasmonic nanostructures – results from the PEEM</td>
<td>Matthias FALKNER</td>
<td>11:00</td>
<td>IAP</td>
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<tr>
<td>18.07.2014</td>
<td>Coronagraph design and simulation for a 20 cm Earth-based telescope</td>
<td>Asis SAAD</td>
<td>14:00</td>
<td>IAP</td>
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<tr>
<td>22.07.2014</td>
<td>Spatiotemporal nonlinear optics and the quest for the observation of discrete light bullets (defense of doctoral thesis)</td>
<td>Falk EILENBERGER</td>
<td>17:15</td>
<td>Lecture hall 2, physics building 2</td>
</tr>
<tr>
<td>23.07.2014</td>
<td>SNOM tip oscillation amplitude and direction: Focus scanning and interferometric measurements</td>
<td>Norik JANUNTS</td>
<td>10:30</td>
<td>IAP</td>
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<tr>
<td>06.08.2014</td>
<td>Light distribution at the end facets of LiNbO$_3$ and AlGaAs nanowires by Fourier imaging (presentation of research labwork)</td>
<td>Marc REIG ESCALÉ</td>
<td>10:30</td>
<td>IAP</td>
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<tr>
<td>07.08.2014</td>
<td>Self-phase modulation in lithium niobate waveguides</td>
<td>Roland SCHIEK</td>
<td>11:00</td>
<td>IAP</td>
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<tr>
<td>08.08.2014</td>
<td>Design of slow light LiNbO$_3$ photonic crystal waveguides for second harmonic generation and spontaneous parametric down conversion</td>
<td>Sina SARAVI</td>
<td>11:00</td>
<td>IAP</td>
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<tr>
<td>20.08.2014</td>
<td>Integrated two-dimensional nonlinear photonics crystals for laser and wavelength conversion applications</td>
<td>Prof. Yen-Hung CHEN - National Central University Taiwan</td>
<td>10:00</td>
<td>IAP</td>
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<td>Microspheres and nanospheres applied on patterned substrates</td>
<td>Prof. Chia-Hua CHAN - National Central University Taiwan</td>
<td>11:00</td>
<td>IAP</td>
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</tbody>
</table>
01.09.2014  Monday  DSP based mitigation of fiber non-linearity in fiber optic coherent communication systems (MSc Photonics defense)
Ivan FERNANDEZ DE JAUREGUI RUIZ - Alcatel Bell-Labs, France
13:30, seminar room IAP

03.09.2014  Wednesday  Linear and nonlinear properties of silicon metasurfaces
Isabelle STAUGE - Australian National University, Canberra
15:00, seminar room IAP

08.09.2014  Monday  Investigation of nonlinear effects in plasmonic nanostructures by finite difference time domain simulations (MSc defense)
Illia THIELE
15:30, 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, +49 3641 947840).