

BuildMoNa Thematic Module 2016-T6
Hybrid Systems – Metamaterials
Thursday, 29 September to Friday, 30 September 2016
Universität Leipzig, 04103 Leipzig, Linnéstr. 5,
Lecture Hall for Theoretical Physics

Agenda

Thursday, 29 September 2016

- 10:00 Welcome address
- 10:10 Prof. Dr. Kurt Busch
Humboldt-Universität zu Berlin, Germany
Computing the properties of complex plasmonic nano-structures
- 11:00 Prof. Dr. Carsten Ronning
Friedrich-Schiller-Universität Jena, Germany
Ion beam designed metasurfaces
- 11:50 *Lunch (Aula)*
- 13:50 Dr. Geoffroy Lerosey
Institut Langevin, ESPCI Paris Tech and CNRS, France
Locally resonant metamaterials beyond homogenization
- 14:40 Dr. Patrice Genevet
CRHEA, Valbonne, France
Planar optics with metasurfaces
- 15:30 Dr. Sergey Sadofev
Humboldt-Universität zu Berlin, Germany
ZnO-based hyperbolic metamaterials at telecommunication wavelength
- 16:20 Group photo shooting (in front of main building)
- 16:30 Poster Session (TA307)
- 17:00 *Fingerfood (TA307)*

Friday, 30 September 2016

- 9:00 Prof. Dr. Rudolf Bratschitsch
Universität Münster, Germany
Atomically thin semiconductors light up
- 9:50 Prof. Dr. Thomas Pertsch
Friedrich-Schiller-Universität Jena, Germany
Diffraction optical elements made from highly dispersive metamaterials
- 10:40 *Coffee break (Aula)*
- 11:10 Poster Award Ceremony
- 11:20 Prof. Dr. Mikhail Belkin
The University of Texas at Austin, USA
Flat nonlinear optics: efficient frequency conversion in gradient nonlinear metasurfaces
- 12:10 Prof. Dr. Markus Lippitz
Universität Bayreuth, Germany
Plasmonic nanoantennas
- 13:00 *Lunch break*
- 15:00 Guided lab tour and Practical course
- 16:30 Prospective end