

Schedule for the „Annual SPP Meeting 2014“

Only presenting authors are indicated

Monday, June 16

12:00 - 12:45 *Lunch*

12:55 - 13:00 Introductory Remarks
Walter Pfeiffer

Session: Nonlinear Response

Chairman: Martin Aeschlimann

13:00 - 13:15 Plasmon Coupling, Propagation, and Interference on the Nanoscale
Frank Meyer zu Heringdorf

13:15 - 13:30 Exciton-Plasmon coupling: Towards coherently coupling single
excitons to nanoantennas
Christoph Lienau

13:30 - 13:45 Modeling the ultrafast nonlinear optical response of metallic
nanostructures
Kurt Busch

13:45 - 14:00 Nonlinear response of plasmonic nanostructures: Collective effects
and hybrid materials
Stefan Linden

14:00 - 14:15 Interband thermo-modulation and self-induced transparency in gold-
based plasmonic devices
Andrea Marini

14:15 - 14:30 Theory of spatio-temporally resolved optical dynamics
Marten Richter

14:30 - 14:45 Ultrafast dynamics of quantum confined carrier in a single CdSe
nanowire
Markus Lippitz

14:45 - 15:00 Photon and Electron Emission in Free Nanoparticles by Controlled
Ultrafast Laserinduced Nanolocalized Fields
Matthias Kling

15:00 - 15:30 *Coffee Break*

Session: Coherent Control

Chairman: Christoph Lienau

- 15:30 - 15:45 Coherent Acoustic Control over a Surface Plasmon Polariton Coupler
Markus Betz
- 15:45 - 16:00 Coupling mediated coherent control of localized plasmonic resonances
Thomas Zentgraf
- 16:00 - 16:15 Toward coherent control of nearfield dynamics in supported plasmonic nanostructures by single-shot carrier-envelope phase-tagged photoelectron emission microscopy
Ulf Kleineberg
- 16:15 - 16:30 2D Nanoscopy of Light Localization and Molecular Hybrid States
Tobias Brixner

Session: Propagation

Chairman: Tobias Brixner

- 16:30 - 16:45 Strong electromagnetic fields in plasmonic and disordered structures
Erich Runge
- 16:45 - 17:00 Light localization phenomena in nanotextured Layers studied by spatially resolved spectral interferometry
Walter Pfeiffer
- 17:00 - 17:15 Active Plasmonics with Molecular Switches
Michael Bauer
- 17:15 - 17:30 Simulation of light propagation and optical response in small metal cluster arrays
Polina Lisinetskaya
- 17:45 - 20:00 *Dinner + public viewing Deutschland-Portugal*
- 20:00 - 22:00 Poster session, informal discussion

Tuesday, June 17

8:00 - 8:45 *Breakfast*

Session: Nanoantennas and Nanoemitters

Chairman: Walter Pfeiffer

9:00 - 9:15 Photoemission from nanostructures at mid-infrared and Terahertz frequencies

Claus Ropers

9:15 - 9:30 Nonlinear optical nano-antennas and nano-resonators from Lithium Niobate

Carsten Rockstuhl, Thomas Pertsch

9:30 - 9:45 Ultrafast nonlinear nanooptics on atomically flat gold surfaces and in hybrid structures

Harald Giessen

9:45 - 10:00 Semiconductor-Metal Hybrid Nanostructures with Single Crystalline Gold

Steffen Michaelis de Vasconcellos

10:00 - 10:15 Multipole interactions in nanooptical and plasmonic systems for nanosensors and nanooptical logical elements

Carsten Reinhardt

10:15 - 10:45 *Coffee Break*

10:45 - 11:00 Investigation of plasmonic ring structures by means of dielectric near-field scattering spheres

Egbert Oesterschulze

11:00 - 11:15 Ultrafast Spectroscopy and Microscopy of Hybrid Systems

Dai Zhang

Session: Report to the DFG, UNO-4, future plans, ...

Chairman: Martin Aeschlimann

11:15 - 12:00 Discussion

12:00 - 13:30 *Lunch*

Departure