

MICROCHIP PLASMONICS

Enabling Optics beyond the Diffraction Limit

29th – 31st of August 2012
Erlangen, Germany

General Information

**Erlangen Graduate School
in Advanced Optical Technologies (SAOT)**
Friedrich-Alexander-Universität Erlangen-Nürnberg
Paul-Gordan-Straße 6 · 91052 Erlangen

Administration
Christina Ort (SAOT), Tel. +49 9131. 85. 2 58 58

E-mail contact information

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Further Information
<http://www.spp-workshop.com>

Hotels All located in Erlangen

Gästehaus am Heussplatz
Karlsbader Straße 3 · Phone: +49.9131.30 49 48

Etap Hotel Tennenlohe
Am Weichselgarten 24a · Phone: +49.9131.77 12 50

Altmanns Stube
Theaterplatz 9 · Phone: +49. 9131. 8 91 60

Rokoko Haus
Theaterplatz 13 · Phone: +49.9131. 78 30

Hotelchen am Theater
Theaterstraße 10 · Phone: +49.9131. 8 08 60

Hotel Kral
Luitpoldstraße 77 · Phone: +49. 9131. 81 00 90

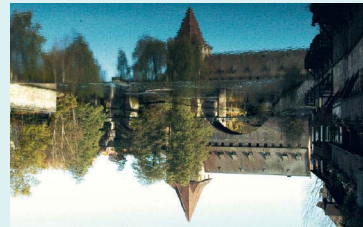
Conference Dinner · 20.00
Following the city tours, the conference dinner will take place
in the heart of the inner city of Nuremberg, inside the
historical city hall.
Address: »Zum Spiebgessellen« · Rathausplatz 4 · 90403 Nürnberg

Guided tours through Nuremberg · 18.00
Discovering the historical inner city of Nuremberg is an adventure
full of mysteries, beautiful scenery and old cellar vaults, filled with
the ancient craftsman tradition of Nuremberg. We invite you to join
us in one of three different tours exploring this thriving city and
its exciting history in between its churches and breweries.

Evening Program · 30th of August

Meeting point for the Lab tours
29th of August 2012
Max Planck Institute for the Science of Light
Günther-Scharowsky-Straße 1 · Building 24 · 91058 Erlangen

Lectures 30th – 31st of August 2012
Neues Hörsaalgebäude der Medizin
Universität Erlangen-Nürnberg · Ulmenweg 14 · 91054 Erlangen



Locations

17th International Workshop on Microchip Plasmonics:

Enabling Optics beyond the Diffraction Limit

WORKSHOP
PROGRAM

Wednesday, 29th of August 2012

- Until 12⁰⁰ Arrival in Erlangen and check-in at the hotels
12⁰⁰ Bus transfer from Theaterplatz to MPL
12⁰⁰ – 14⁰⁰ Welcome snack at the Max Planck Institute for the Science of Light
14⁰⁰ – 17³⁰ Lab tours at the MPI for the Science of Light and Cluster of Excellence EAM sites
Bus transfer will be organized
19⁰⁰ Welcome dinner at Zen Bar and Restaurant, Erlangen
For invited guests

Thursday, 30th of August 2012

- 8⁰⁰ – 8³⁰ Check-in for all participants at the workshop venue
8³⁰ – 8⁴⁵ Welcome address Ulf Peschel and Vahid Sandoghdar
8⁴⁵ – 9³⁰ **Plasmonic nanostructures with tunable carrier densities** *Harry A. Atwater*
California Institute of Technology, Pasadena (O:Th1)
9³⁰ – 10¹⁵ **Light control with metal nanostructures**
Kobus Kuipers · FOM Institute for Atomic and Molecular Physics, Amsterdam (O:Th2)
10¹⁵ – 10⁴⁵ Coffee break with the possibility to put up the posters
10⁴⁵ – 11³⁰ **Photonics beyond diffraction limit: Plasmonic waveguide, cavities and integrated laser circuits**
Xiang Zhang · University of California, Berkeley (O:Th3)
11³⁰ – 12¹⁵ **Surface plasmon optics: from negative refraction to designer force fields** *Cyriaque Genet*
Université de Strasbourg (O:Th4)
12¹⁵ – 14¹⁵ Lunch buffet and poster session 1 (P:Th)
- 14¹⁵ – 15⁰⁰ **Graphene plasmonics** *Javier García de Abajo*
Instituto de Optica, CSIC, Madrid (O:Th5)
15⁰⁰ – 15¹⁵ Short break
15¹⁵ – 16⁰⁰ **Active metamaterials** *Vladimir Shalaev*
Purdue University, West Lafayette (O:Th6)
16⁰⁰ – 16⁴⁵ **Real-space mapping of infrared plasmons on antennas, transmission lines and graphene**
Rainer Hillenbrand · CIC Nanogune, Ikerbasque, San Sebastian (O:Th7)

Evening program

- 17³⁰ Bus transport from the Theaterplatz to Nuremberg
18⁰⁰ Guided tours through Nuremberg (sign-up at check-in)
20⁰⁰ Conference dinner in Nuremberg at the traditional restaurant »Zum Spießgesellen«
22³⁰ Bus transfer from Nuremberg to Theaterplatz in Erlangen

Friday, 31st of August 2012

- 8³⁰ – 9¹⁵ **Optically interconnecting with plasmonic waveguides** *Sergey I. Bozhevolnyi*
University of Southern Denmark, Odense (O:Fr1)
9¹⁵ – 10⁰⁰ **On-chip quantum plasmonics** *Val Zwiller*
Delft University of Technology (O:Fr2)
10⁰⁰ – 10³⁰ Coffee break
10³⁰ – 11¹⁵ **Plasmonic MIM waveguides: Integrated circuits, sources and nanomechanics** *Albert Polman*
FOM Institute for Atomic and Molecular Physics, Amsterdam (O:Fr3)
11¹⁵ – 12⁰⁰ **Controlled interaction of single emitters with plasmonic antennas** *Romain Quidant*
Institute of Photonic Sciences (ICFO), Barcelona (O:Fr4)
- 12⁰⁰ – 14⁰⁰ Lunch buffet and poster session 2 (P:Fr)
14⁰⁰ – 14⁴⁵ **Quantum nanoplasmonics and the SPASER**
Mark I. Stockman · Georgia State University (O:Fr5)
14⁴⁵ – 15³⁰ **Cavity QED with atomic mirrors** *Darrick Chang*
Institute of Photonic Sciences (ICFO), Barcelona (O:Fr6)
15³⁰ – 16⁰⁰ Coffee break
16⁰⁰ – 16⁴⁵ **Taming light-matter interaction with optical antennas** *Mario Agio*
National Institute of Optics, Florence (O:Fr7)
16⁴⁵ – 17³⁰ **Quantum plasmonics with a nitrogen-vacancy center** *Ulrik Andersen*
Technical University of Denmark, Copenhagen (O:Fr8)
17³⁰ End of the workshop