



# NANOMETA 2013

The European Physical Society  
**The 4th International Topical Meeting  
 on Nanophotonics and Metamaterials**

3 - 6 January 2013  
 Seefeld ski resort, Tirol, Austria  
[www.nanometa.org](http://www.nanometa.org)



*Paper submission opens:* **Monday 5 August 2012**  
*Paper submission deadline:* **Wednesday 10 October 2012**  
*Author notification:* **Friday 9 November 2012**

*Registration opens:* **Monday 10 September 2012**  
*Pre-registration deadline:* **Monday 3 December 2012**

The European Physical Society will organise the 4th International Topical Meeting on Nanophotonics and Metamaterials (NANOMETA 2013), which will be held in Seefeld ski resort, Tirol, Austria during 3 - 6 January 2013. This will be the fourth conference in the NANOMETA series following a meeting in January 2007, 2009 and 2011 attended by many leading authorities in the field.

NANOMETA 2013 aims to bring together the international Nanophotonics and Metamaterials research communities and will be devoted to papers reporting new and challenging results and ideas in these burgeoning fields. The technical programme will include invited and selected contributed papers in the areas of

**Metamaterials & metadevices**  
**Nanophotonics & nanobiophotonics**  
**Plasmonics and plasmoelectronic devices**  
**Nanophotonic, hybrid and quantum materials**  
**Localization of light & optical super-resolution**

The conference will be organised in two oral parallel sessions and will feature joint plenary, tutorial and post-deadline sessions. The conference timetable will be arranged in a way that permits mid-day breaks for recreational activities and informal contact between participants. The conference will also feature a special session (organized by **Augustine Urbas** and **Ekmel Ozbay**) on

## Security Applications of photonic metamaterials

**Plenary Speakers:** **Lukas Novotny** (ETH, Switzerland) – "Nanoplasmonics"; **Michel Orrit** (Leiden University, Germany) – "Single Molecules and Single Gold Nanoparticles in the Spotlight"; **Nader Engheta** (University of Pennsylvania, USA) – Metamaterials for Meta-Optics: From Structures to Functions to Processes; **Uwe Kreibig** (RWTH Aachen, Germany) – "The Unique Colors of Metal Nanoparticles: a Travel Through Opto-Plasmonics".

The Paper online submission will open on the 5th of August 2012. The submission deadline will be 10 October 2012. More details are available from [www.nanometa.org](http://www.nanometa.org)

## Paper submission

The Conference will feature contributed oral and poster papers and talks invited at the discretion of the Program Committee.

*Paper submission opens:* **Monday 5 August 2012**  
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Papers must be submitted electronically in PDF format via the conference website at [www.nanometa.org](http://www.nanometa.org). This topical meeting contains high-quality submissions that undergo a peer-review conducted by the Program Committee. A complete submission will include the following:

**35-word Abstract** This abstract should be a brief summary of the paper topic. If the paper is accepted, this 35-word abstract will be included in the *Conference Program*.

**1-page Paper** The three-page paper is a summary of the author's work. The summary should not exceed one A4 page with 2 cm margins on all sides. Within the summary, the author must include all text, including the 35-word abstract, title, authors, equations, drawings, tables, photographs, drawings, figures, and references. The title of the talk and the primary author's name, affiliation, address, telephone and fax numbers, and email address must appear on the page with all additional authors and their affiliations.

## Conference Publications

Technical program will be available at the conference to registered participants.

## Conference Registration

*Registration opens: Monday 10 September 2012.* All participants, including plenary, invited & breakthrough speakers and members of the program committee are expected to pay Conference Registration Fee. The registration fees for the meeting include admission to all technical sessions of the conference on "Nanophotonics and Metamaterials". It includes coffee breaks (Monday through Thursday). One copy of the technical digest in CD-format is also included

## NANOMETA 2009 Registration Fees in Euros

Member Type	On or before 3 December 2012	After 3 December 2012
EPS Member	390 €	450 €
Non-Member	490 €	550 €
Full-Time Student Member	130 €	190 €
Full-Time Student Non-Member	180 €	240 €

Registration form and details on payment will be available from the conference web-site.

## Transportation

Seefeld is a major ski resort in the heart of the Tyrol Mountains, Austria. It is a multi-faceted resort that is a magnet for guests from all over the world and combines nature, sport, wellness and a holiday atmosphere and has first-class conference facilities. In Seefeld you can find excellent downhill and cross-country skiing, ice rink, indoor swimming pool, fantastic restaurants and a good choice of quality hotels, and all of this is surrounded by the magnificent mountain scenery of the Karwendel Alpine Park and the Wetterstein range.

The resort is in the centre of Europe and is very well connected to three major airports:

München - 138 km <http://www.munich-airport.de/en/>  
Innsbruck - 21 km <http://www.innsbruck-airport.com/index.html/lang/en>  
Zürich - 300 km <http://www.zurich-airport.com/>

You can easily reach Seefeld from München and Innsbruck by train. See the following rail- links [fahrplan.oebb.at  
reiseauskunft.bahn.de](http://fahrplan.oebb.at/reiseauskunft.bahn.de)

To reach the resort by car follow this agenda:

- from the East via the A1 motorway, exit "Zirl Ost" + 12 km
- from the North via Garmisch Partenkirchen (toll free) + 35 km
- from the West via the A1 motorway, exit "Telfs Ost" + 12 km

NANOMETA-2013 will take place at the "Olympia" Congress Centre in the heart of Seefeld.

## Accommodation

Accommodation information will be available from the conference web site [www.nanometa.org](http://www.nanometa.org)

## NANOMETA 2013 Program Committee

Nikolay Zheludev                      University of Southampton, UK – co-chair  
Harald Giessen                        Stuttgart University – co-chair

Manolis Antonoyiannakis    Physical Review Letters, APS  
Harry Atwater                      CALTECH, USA  
Bill Barnes                         University of Exeter, UK  
Svetlana Boriskina              Boston University, USA  
Sergey Bozhevolnyi              USD, Denmark  
Igal Brener                         Sandia National Laboratories, USA  
Mark Brongersma                Stanford University, USA  
Andrea Cavalleri                 Oxford University, UK & Max Plank, Germany  
John Dudley                        University of Franche-Comté, France  
Nader Engheta                    University of Pennsylvania, USA  
Andrea Ferrari                    Cambridge University, UK  
Jean Jacques Greffet            CNRS, France  
Erez Hasman                      Technion, Israel  
Sailing He                         Zhejiang University, China  
Joerg Heber                        Nature Materials, NPG  
Niek van Hulst                    ICFO, Spain  
Mikael Käll                        Chalmers University, Sweden

Satoshi Kawata	Osaka University, Japan
Joachim Krenn	Karl-Franzens-University, Graz Austria
Peter Nordlander	Rice University, USA
Ian Osborne	Science, AAAS
Vahid Sandoghdar	Max-Planck-Institute for the Science of Light, Erlangen, Germany
Zexiang Shen	NTU, Singapore
Mark Spector	Office of Naval Research, USA
Martin Wegener	Karlsruhe Institute of Technology, Germany
George Tsironis	Forth, Greece
Sergei Tretyakov	Aalto University, Finland
Alexey Vinogradov	ITAE, Russia
Rachel Won	Nature Photonics, NPG