

Newsletter, July 2010

STSMs (Short Term Scientific Missions) are sponsored by the network: if you plan a short (up to 3 months) visit to the partners lab - this is the instrument.

Documents to be submitted (to STSMs Coordinator Dorota Pawlak:

Dorota.Pawlak@itme.edu.pl):

- CV of the applicant
- Acceptance letter of the host
- Detailed work plan
- On-line application (for the form - please, contact Dorota)

Planning: The documents should arrive to the network office at least one month before the trip

Papers

Plasmonic light-harvesting devices over the whole visible spectrum

A. Aubry, D. Y. Lei, A. I. Fernández-Dominguez, Y. Sonnefraud, S. A. Maier and J. B. Pendry
Nano Lett., Article ASAP

<http://pubs.acs.org/doi/abs/10.1021/nl101235d>

Enhanced surface plasmon resonance on a smooth silver film with a seed growth layer

H. Liu, B. Wang, E. S. P. Leong, P. Yang, Y. Zong, G. Si, J. Teng, and S. A. Maier

ACS Nano, Article ASAP

<http://pubs.acs.org/doi/abs/10.1021/nn100466p>

Funding

[partner network]

ESF Network PLASMON-BIONANOSENSE: Applications are open for short and long term visits and conferences/workshops, www.esf.org/plasmon

Jobs

Postdoc/Assistant position in Nano-Optics & Plasmonics

The Nano-Optics & Bio-Photonics group, Institute of Physics, University of Würzburg has an opening for a Postdoc/Research assistant in the field of Nano- Optics/Plasmonics (E 13) starting October 1st 2010. The position is intended for a longer term engagement (~ 3 years). The group is currently very active in molecular plasmonics, ultrafast nano-optics, as well as optical antennas and optical nano-circuitry. While the focus is on experimental investigations, we also have a strong activity in numerical analysis of nano-optical problems. Significant funding is available through several third- party-funded projects. We are looking for sociable, highly motivated, creative, and capable, female or male candidates holding a PhD with a sound background and strong interest in nano-optics/plasmonics and/or quantum optics. Applicants from related fields will also be considered. Successful candidates will be involved in both experimental studies and simulations. For the fabrication of high-quality nano structures the group has access to the fully-equipped Microstructure Laboratory at the University of Würzburg with e-beam lithography and a FEI Helios Nanolab dual beam focussed-ion beam microscope as well as to the scientific infrastructure of the Wilhelm-Conrad-Röntgen-Center for Complex Material Systems (RCCM). Applications including standard documents should be sent by email. Enquiries about details of the engagement are very welcome.

Contact: Prof. Dr. Bert Hecht, Experimentelle Physik V, Universität Würzburg, AmHubland 97074 Würzburg, +49 931 3185863, hecht@physik.uni-wuerzburg.de, www.nanoscale-optics.de

Events

[organized by COST Plasmonics partner]

Nanooptics school (3 ECTS), 3rd-7th September 2010, iNANO, Århus (Fuglsøcenter),

Denmark.

This intensive 5 days course aims at giving an insight into various fields of modern nanooptics and photonics and its applications ranging from physics to biology. Topics will include advanced microscopy, plasmonics, optical fibers, photonic crystals and a broad range of concepts and techniques within these fields will be covered. The course is aimed at a broad interdisciplinary audience of PhD students with interest in various aspects of nanooptics. The course will be held on September 3rd-7th 2010 at the Fuglsøecenter near the Mols beach areas. It will consist of lectures, discussions, and poster sessions, where students present their own work. The lectures at the summer school will be given by leading international scientists with a range of complementary expertise with the area of nanooptics

<http://www.inanoschool.au.dk/for-phd-students/phd-courses/courses-2010/n7-nanooptics>

Registration deadline: July 12, 2010

BiOS / OPTO / LASE - parts of SPIE Photonics West, 22 - 27 January 2011, The Moscone Center, San Francisco, California, USA

Abstracts Due: 12 July 2010

<http://spie.org/x7777.xml>, http://spie.org/opto.xml?WT.mc_id=RPW11OCE,

<http://spie.org/x13198.xml>

[organized by COST Plasmonics partner]

Conference symposium: "Biosensing with Nanoplasmonics" (organized by S. Maier, ESF PLASMON-BIONANOSENSE, www.esf.org/plasmon) at PIERS 2011 Marrakesh

Submission deadline: Sept 20th 2010

http://piers.mit.edu/piers2011marrakesh/submit/submit_new.php

[organized by COST Plasmonics partner]

NANOMETA 2011, The 3rd International Topical Meeting on Nanophotonics and Metamaterials, 3 - 6 January 2011 Seefeld ski resort, Tirol, Austria

Call for papers opens August 1, 2010; Deadline for submission: October 1, 2010

<http://www.nanometa.org>