

Newsletter, June 2011

Working groups 2, 3 will have their meeting in September, co-located with Nanoplasmonic Sensors and Spectroscopy, Sept. 18-22 2011 (Chalmers, Gothenburg, www.chalmers.se/nss2011).

Date: September 22 (Thursday), time (provisional): 14-16, place - Chalmers campus, nearby the conference site.

EXTENDED Deadline to apply for the oral contributions to the conference: June 15 (poster contribution - June 30)

Joint call for STSM (Short Term Scientific Missions) together with our partner network - COST Action MP0702: Towards Functional Sub-Wavelength Photonic Structures (<http://cost-mp0702.nit.eu/cost-mp0702>). We would like to specifically support the visits between partners of both networks - as usual with STSM, 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
- Work plan
- On-line application (for the form - please, contact Dorota)

Partners of MP0702, working with plasmonics: <http://cost-mp0702.nit.eu/cost-mp0702/working-group-1>.

Papers

Sensitivity and Optimization of Localized Surface Plasmon Resonance (LSPR) Transducers

O. Kedem, A. B. Tesler, A. Vaskevich & I. Rubinstein

ACS Nano 5, 748 (2011)

<http://pubs.acs.org/doi/abs/10.1021/nn102617d>

Stabilization of Gold Nanoparticle Films on Glass by Thermal Embedding

T. Karakouz, B. M. Maoz, G. Lando, A. Vaskevich & I. Rubinstein

ACS Appl. Mater. & Interf. 3, 978 (2011)

<http://pubs.acs.org/doi/abs/10.1021/am100878r>

Improved Sensitivity of Localized Surface Plasmon Resonance Transducers Using Reflection Measurements

O. Kedem, A. Vaskevich & I. Rubinstein

J. Phys. Chem. Lett. 2, 1223 (2011)

<http://pubs.acs.org/doi/abs/10.1021/jz200482f>

Reconfigurable Photonic Metamaterials

J. Y. Ou, E. Plum, L. Jiang, and N. I. Zheludev

Nano Lett. 11, 2142 (2011)

<http://pubs.acs.org/doi/pdf/10.1021/nl200791r>

Diffraction optical elements based on plasmonic metamaterials

B. Walther, C. Helgert, C. Rockstuhl, and T. Pertsch

Appl. Phys. Lett. 98, 191101 (2011)

http://apl.aip.org/resource/1/applab/v98/i19/p191101_s1

Plasmon nano-optical tweezers

M. L. Juan, M. Righini and R. Quidant

Nature Photon. 5, 349 (2011)

<http://www.nature.com/nphoton/journal/v5/n6/full/nphoton.2011.56.html>

Active spatial control of plasmonic fields

B. Gjonaj, J. Aulbach, P. M. Johnson, A. P. Mosk, L. Kuipers and A. Lagendijk

Nature Photon. 5, 360 (2011)

<http://www.nature.com/nphoton/journal/v5/n6/full/nphoton.2011.57.html>

Jobs

Lectureship in Experimental Nanophysics, King's College London - Department of Physics

Details: <http://www.jobs.ac.uk/job/ACQ309/lectureship-in-experimental-nanophysics/>

Closing date: 9 June, 2011

Contact: Prof. Anatoly Zayats, a.zayats@kcl.ac.uk

Events

7th International Conference on Photonics, Devices and Systems - Photonics Prague 2011

August 24-26 2011, ARTEMIS Olympik Hotel – Congress Center, Prague, Czech Republic

Abstracts submission: June 1, 2011

<http://prague2011.photon-czsk.org/>

Nano Meets Spectroscopy (NMS) 2011

National Physical Laboratory, Teddington, London

September 15th & 16th 2011

Abstract deadline (Contributed talks & posters): 30th June 2011

<http://sensor.phys.strath.ac.uk/nms/>

SPIE Photonics West

The Moscone Center, San Francisco, California, USA

January 21-26, 2012

Deadline for submissions: July 11, 2011

http://spie.org/photonics-west.xml?WT.mc_id=RPW12ACE