

Newsletter, December 2011

STSM: Short term Scientific Missions - if you plan a short (up to 6 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)

Reminder: every partner is welcome to submit the entries to Papers, Jobs and Events sections.

Papers

Electrochemical Crystallization of Plasmonic Nanostructures

A. B. Dahlin, T. Sannomiya, R. Zahn, G. A. Sotiriou, and J. Voros

Nano Lett. 11, 1337 (2011)

<http://pubs.acs.org/doi/abs/10.1021/nl104424g>

Long-range dielectric-loaded surface plasmon polariton waveguides operating at telecommunication wavelengths

V. S. Volkov, Z. Han, M. G. Nielsen, K. Leosson, H. Keshmiri, J. Gosciniaik, O. Albrektsen, and S. I. Bozhevolnyi

Opt. Lett. 36, 4278 (2011)

<http://www.opticsinfobase.org/ol/abstract.cfm?uri=ol-36-21-4278>

Optical antennas as nanoscale resonators

M. Agio

Nanoscale, doi:10.1039/C1NR11116G

<http://arxiv.org/abs/1111.1302>

On-chip modulation of evanescent illumination and live-cell imaging with polymer waveguides

B. Agnarsson, A. B. Jonsdottir, N. B. Arnfinnsdottir, and K. Leosson

Opt. Exp. 19, 22929 (2011)

<http://www.opticsinfobase.org/oe/abstract.cfm?uri=oe-19-23-22929>

Numerical analysis of a SNOM tip based on a partially cladded optical fiber

J. Smajic and C. Hafner

Opt. Exp. 19, 23140 (2011)

<http://www.opticsinfobase.org/oe/abstract.cfm?uri=oe-19-23-23140>

Continuous metal plasmonic frequency selective surfaces

J. Zhang, J.-Y. Ou, N. Papasimakis, Y. Chen, K. F. MacDonald, and N. I. Zheludev

Opt. Exp. 19, 23279 (2011)

<http://www.opticsinfobase.org/oe/abstract.cfm?uri=oe-19-23-23279>

Guiding Light in Monolayers of Sparse and Random Plasmonic Meta-atoms

M. A. Otte, M.-C. Estévez, D. Regatos, L. M. Lechuga, and B. Sepúlveda

ACS Nano 5, 9197 (2011)

<http://pubs.acs.org/doi/pdf/10.1021/nn203432z>

Polypeptide Folding-Mediated Tuning of the Optical and Structural Properties of Gold Nanoparticle Assemblies

D. Aili, P. Gryko, B. Sepulveda, J. A. G. Dick, N. Kirbyz, R. Heenan, L. Baltzer, B. Liedberg, M. P. Ryan, and M. M. Stevens

Nano Lett., Article ASAP (2011)

<http://pubs.acs.org/doi/pdf/10.1021/nl203559s>

Plasmonic black-hole: broadband omnidirectional absorber of gap surface plasmons

K. V. Nerkararyan, S. K. Nerkararyan, and S. I. Bozhevolnyi

Opt. Lett. 36, 4311 (2011)

<http://www.opticsinfobase.org/ol/abstract.cfm?uri=ol-36-22-4311>

Emergence of Anderson localization in plasmonic waveguides

F. Rütting, P. A. Huidobro, and F. J. García-Vidal

Opt. Lett. 36, 4341 (2011)

<http://www.opticsinfobase.org/ol/abstract.cfm?uri=ol-36-22-4341>

Influence of Electromagnetic Interactions on the Line Shape of Plasmonic Fano Resonances

B. Gallinet and O. J. F. Martin

ACS Nano 5, 8999 (2011)

<http://pubs.acs.org/doi/abs/10.1021/nn203173r>

Nanostructured Plasmonic Medium for Terahertz Bandwidth All-Optical Switching

M. Ren, B. Jia, J.-Y. Ou, E. Plum, J. Zhang, K. F. MacDonald, A. E. Nikolaenko, J. Xu, M. Gu and N. I. Zheludev

Adv. Mater. 23, 5540 (2011)

<http://onlinelibrary.wiley.com/doi/10.1002/adma.201103162/abstract>

Jobs

Postdoc on MOKE/magnetoplasmonics at Chalmers, Göteborg, Sweden

<https://site1.reachmee.com/l003/chalmers/se/vacdetail.aspx?commadseqno=256&postback%20=%20vacancies.aspx>

Application deadline: Jan. 10, 2012

Start of the position: ASAP

Contact: Alexandre Dmitriev, alexnd@chalmers.se

Project Leader for "Nanotechnology-Enhanced Phosphors" or "Optical Data Processing with Metamaterials" at Centre for Photonic Metamaterials, University of Southampton, UK

<https://www.jobs.soton.ac.uk/Vacancy.aspx?ref=055611EH>

Application deadline: Dec. 9, 2011

Events

E-MRS Spring 2012

May 14-18, Strasbourg, France

Abstracts submission: January 12 2012

http://www.emrs-strasbourg.com/index.php?option=com_content&task=view&id=428&Itemid=160

Symposium N: Control of light at the nanoscale: materials, techniques and applications

http://www.emrs-strasbourg.com/index.php?option=com_content&task=view&Itemid=132&id=481

Symposium O: Applied Nanoplasmonics: Nanoplasmonic Functional Materials and Devices

http://www.emrs-strasbourg.com/index.php?option=com_content&task=view&Itemid=132&id=480

PIERS 2012

August 17-23, 2012, Moscow, Russia

Abstract submissions: March 20, 2012

<http://piers.org/piers2012Moscow/>

Metamaterials' 2012: The 6th International Congress on Advanced Electromagnetic Materials
in Microwaves and Optics

September 17-22, 2012, St. Petersburg, Russia

Abstract submissions: March 23, 2012

<http://congress2012.metamorphose-vi.org/>