

List of Posters for DOPS meeting 19./20.11.2009

Posters from SDU:

1. *Light emitting organic nanofibers from thiophene oligomers*, F.Balzer, L.Kankate*, H.Niehus*, M.Schiek, A.Luetzen**, K.Al-Shamery ***and H.-G.Rubahn, NanoSYD, MCI, SDU; *: HU Berlin; **: U Bonn; ***: U Oldenburg
2. *Photoemission electron microscopy of organic nanofibers in interaction with plasmonic substrates*, I. Leissner*, M. Bauer*, J.Kjelstrup-Hansen and H.-G. Rubahn, NanoSYD, MCI, SDU; *: CAU Kiel
3. *Fluorescence detection of hydrodynamically focused microbeads in microfluidic platforms*, C.Kunstmann-Olsen, J. Hoyland, R.Frese and H.-G. Rubahn, NanoSYD, MCI, SDU
4. *Organic nanofiber surface growth control*, R.M.de Oliveira, J.Kjelstrup-Hansen and H.-G. Rubahn, NanoSYD, MCI, SDU
5. *The Optical Properties of a Truncated Spherical Cavity Embedded in Gold*, Anders Pors, Ole Albrektsen and Morten Willatzen*, SENSE, SDU; *: MCI, SDU
6. *Surface-enhanced Raman imaging of fractal shaped periodic metal nanostructures*, Michael G. Nielsen, Jonas Beermann, Sergey M. Novikov, Ole Albrektsen and Sergey I. Bozhevolnyi, SENSE, SDU
7. *Controllable Inter-particle Gaps at Large-Area Self-Organizing Gold Nanostructures on Templates made by Hard Anodization of Aluminum*, Peter Nielsen, Ole Albrektsen, Søren Hassing and Per Morgen*, SENSE, SDU; *: IFK, SDU
8. *Metal films with imprinted nanostructures fabricated by template stripping*, René Lynge Eriksen, Anders Pors, Jes Dreier*, Adam. C. Simonsen* and Ole Albrektsen, SENSE, SDU; *: MEMPHYS, SDU

Posters from DTU:

9. *High power swept source for Optical Coherence Tomography*, Sebastian Marschall, Christian Pedersen, Ole Bjarlin Jensen and Peter E. Andersen; Dept. of Photonics Engineering, Technical University of Denmark
10. *Optical biosensor for point-of-care Cardiac marker detection*, Henrik S. Sørensen, Peter E. Andersen, Niels B. Larsen (Dept. of Micro- and Nanotechnology, DTU),

Peter

R. Hansen (Dept. of Cardiology P, Gentofte University Hospital), Darryl J. Bornhop (Dept. Chemistry, Vanderbilt University, USA); Dept. of Photonics Engineering, Technical University of Denmark

11. *Polymer micro-optics formed by injection moulding: a high-volume production method*, Theis F. Iversen (1), Michael Linde Jakobsen (2), Steen G. Hanson(2) and Jørgen Korsgaard (1); 1: OPDI Technologies A/S, 2: DTU Fotonik

12. *Optical touch pad based on a planar waveguide*, Henrik C. Pedersen, DTU Fotonik

13. *What happens when light's out?*, Wei Wang, Heriot-Watt University, Scotland, Steen

G. Hanson, DTU Fotonik, Denmark, Mitsuo Takeda, University of Electro Communication, Tokyo, Japan

Posters from AAU:

14. *Resonant Light Scattering from Slow Plasmon Metal Nanostrips: Analysis and Demonstration*, J. Jung, AAU

15. *Surface-plasmon polariton resonances in V-groove metal gratings*, T. Soendergaard, S. Bozhevolnyi, AAU

16. *"Non-classical states for light-atom interfaces"*, B. Melholt Nielsen, J. S. Neergaard-Nielsen and E. S. Polzik

17. *"Storage of two-mode squeezed light into a quantum memory"*, K. Jensen, W. Wasilevski, H. Krauter, B. M. Nielsen, M. M. Wolf, E. S. Polzik, M. Owari and M. B. Plenio