

CeNano 2008

Welcome to the 4:th CeNano Symposium in Nanoscience and Nanotechnology

November 20, 2008

Lecture hall Planck, Physics building, Linköping University

The scope of this Symposium is to inform about nanoscience and technology activities at LiTH and in Sweden. It is the intention to bring together researchers with an interest in the nano realm to promote cross-linking between projects at different departments at LiTH.

Program

09.15-09.20	Welcome	Kajsa Uvdal
09.20-09.40	Optical Properties of Colloidal ZnO quantum dots,	Arvid Larsson/Qing Xiang Zhao
09.40-10.00	Synthesis and bio-functionalisation of magnetic Fe-Au core-shell nanoparticles for studies of bio-separation and other bio-transport properties	Richard Becker
10.00-10.20	Force measurements of polypeptides and polyelectrolyte gradient	Feng-i Tai
10.20-10.30	Break	
10.30-10.50	Novel Luminescent Properties of Nanoparticles for Cell- and Molecular Imaging	Linnea Selegård
10.50-11.10	Synthesis and optical properties of ZnO Nanostructures	Lili Yang
11.10-11.50	Invited talk Aerosol Nanoparticles to Create Innovative Nanostructures and Novel Devices	Knut Deppert Epitaxy and Nanocrystals Solid State Physics / Nanometer Structure LTH, Lund University
12.00-13.15	Lunch break	
13.15-13.35	Modeling of functionalized metal oxide nanoparticles	Lars Ojamäe
13.35-13.55	Nanostructured sensing layers for high temperature stable FET sensors	Christina Buchholt
14.00-14.45	Invited talk Photolithographic Patterning of Organic Semiconductors	George G. Malliaras Materials Science and Engineering, Cornell University, Ithaca, NY, USA
14.50-15.00	Closing	Kajsa Uvdal