

CeNano 2007

Welcome to the 3:rd CeNano Symposium in Nanoscience and Nanotechnology

November 23, 2007

Lecture hall Schrödinger E324, 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	Nano-molecular characterization of proteins and protein interactions with multidimensional NMR	Janosch Hennig
09.40-10.00	Characterization of atherosclerotic carotis plaques by nanoparticulate MRI contrast agents	Anna Klasson
10.00-10.20	ZnO nanoparticles for bio and chemical sensors	Anita Lloyd Spetz
10.20-10.30	Break	
10.30-10.50	Novel luminescent properties of nanoparticles for cell- and molecular imaging	Linnea Olsson
10.50-11.10	In-situ studies of deformation in nanostructured materials	Lars Johnson
11.10-11.30	High temperature studies of self organizing nanostructured ceramic materials	Lina Rogström
11.30-12.00	Assembly of hybrid materials utilizing polypeptide dimerization and folding	Daniel Aili
12.00-13.15	Lunch	
13.15-14.05	<i>Invited talk</i> Artificial Nanostructured Biointerfaces	Duncan Sutherland iNANO Center, University of Aarhus, Denmark
14.05-14.25	Synthesis and photophysical characterization of gallium antimonide nanocrystals: A material candidate for more efficient organic solar cells	Fredrik Söderlind
14.25-14.45	The effect of remote donors on spin polarization in GaAs quantum wires	Martin Evaldsson
14.45-15.05	FEM-modeling of complex nanostructures	Hans Arwin
15.05-15.10	Closing	Kajsa Uvdal