

Welcome to

the 14th CeNano Symposium in Nanoscience and Nanotechnology

Wednesday, November 28, 2018
Lecture hall Planck, Physics building, Campus Valla, Linköping University

Program

- 08.30-08.35 Welcome
- 08.35-08.50 "Introducing Mo_{1.33}C Mxene into organic solar cells as the interfacial layer: toward high power conversion efficiency" Yanfeng Liu and Quanzheng Tao
- 08.50-09.05 "Experimental characterization and theoretical modelling of the antioxidant/catalytic properties of cerium oxide nanoparticles" Peter Eriksson and Alexey Tal
- 09.05-09.20 "Theoretical characterization of point defects in silicon carbide and other materials" Joel Davidsson and Robin Karhu
- 09.20-09.35 "Organic-Inorganic Hybrid Perovskites Toward Efficient Blue Light-Emitting Diodes" Heyong Wang and Yong Yu
- 09.35-10.00 Coffee and Sandwich
- 10.00-10.45 Invited talk: "Small organic molecule based nano-fluorophores for NIR biological imaging in deep tissues and small animals"
Professor Lin Li, Institute of Advanced Materials, Nanjing Tech University, China
- 10.45-11.00 "Biocompatible and targetable fluorescent nanoprobe for in vivo and in vitro pH sensing" Xin Zhang and Daniel Andersson
- 11.00-11.15 "PSLS study of protective alumina scale in MCrAlY coatings for gas turbine applications" Pimin Zhang and Mattias Jansson
- 11.15-11.30 "Nano-infarcts, a fast nanoparticle based detection method for Acute Myocardial Infarction" Anna Du Rietz, Kalle Bunnfors, and Jonas Christoffersson
- 11.30-11.45 "Optical and Mechanical Studies of Bouligand Structures" Samiran Bairagi and Yusheng Yuan
- 11.45-12.00 Concluding remarks