

Chemical Physics Science day 2018

June 7, 2018, Övedskloster, Sweden

Program

Thursday, June 7th

	8.00 – 9.00	Trip to the place	
	9.00 – 9.10	Opening remarks	
Session chair – Donatas	9.10 – 9.20	Tönu	Does nature need delocalization or is it only for science?
	9.20 – 9.30	Daniel	Into the void: decay, dissipation and periodic structures
	9.30 – 9.40	Iulia	Plasmonic metal nanoparticles for solar solutions
	9.40 – 9.50	Pushpendra	Physics of climate teleportation. Lund: the new Kerala
	9.50 – 10.00	Qi	Variation in the Photocurrent Response Due to Different Emissive States in Methylammonium Lead Bromide Perovskite
	10.00 – 10.10	Zhengjun	Two-dimensional LH2 spectroscopy Based on Compressed sensing
	10.10 – 10.20	Alireza	Electrochemistry on Quantum dots
	10.20 – 10.30	Yunqian	Photocatalytic H ₂ Evolution with Carbon Dots-based Photocatalysts
	10.30 – 10.40	Fengying	Controlling Morphology of CsPbBr ₃ nanocrystals and their photophysicals properties
	10.40 – 10.50	Rui	Photostability of CsPbI ₃ quantum dots
	10.50 – 11.20	Coffee/tea break	
Chair– Jens	11.20 – 11.30	Donatas	What can multidimensional spectroscopy tell us about energy states and dynamics?
	11.30 – 11.40	Lukas	Time-resolved photoemission electron microscopy of semiconductor nanowires
	11.40 – 11.50	Egle	Energy transfer versus electron transfer in 2DES
	11.50 – 12.00	Alexa	Antenna complexes in Green Photosynthetic Bacteria
	12.00 – 12.10	Arkady	What is good in combining spectroscopic methods?
	12.10 – 12.20	Yuchen	Picosecond Acoustic Approaches to Material Characterization
	12.20 – 12.30	Xianshao	Charge Recombination Studying in Group III-V Semiconductor Nanowires
	12.30 – 13.30	Lunch	
Chair– Arkady	13.30 – 13.40	Klara	A PhD as a bridge between Lund and Berlin
	13.40 – 13.50	Justus	In-situ Real-Time Investigations on the Synthesis of Photovoltaic Materials
	13.50 – 14.10	Villy	CHEMICAL PHYSICS, LU, and before...
	14.10 – 14.20	Ivan	Single molecule spectroscopy approach in chemistry and physics
	14.20 – 14.30	Marina	Modelling blinking in perovskite nanocrystals
	14.30 – 14.40	Alex	Delicate art of procrastination
	14.40 – 14.50	Ruiyun	Electric field effect on the photoluminescence of MAPbBr ₃ nanocrystals
	14.50 – 15.00	Juanzi	The study of polymer film, liver tissue and perovskites by two-dimensional polarization imaging (2D-POLIM)
	15.00 – 15.10	Bruce	Effect of humidity on room temperature formation of CH ₃ NH ₃ PbI ₃ perovskite from precursor film studied by photoluminescence microscopy
	15.20 – 15.50	Coffee/tea break	
Chair – Ivan	15.50 – 16.00	Ebbe	Dark side of the Chemistry
	16.00 – 16.10	Pavel	Dynamics of Photoinduced Charge Transfer Processes in Iron Carbene Photosensitizers
	16.10 – 16.20	Nils	How to (not) investigate carrier extraction from iron carbenes
	16.20 – 16.30	Kaibo	Photoinduced charge carrier dynamics in nanostructured perovskites
	16.30 – 16.40	Per	Let's talk about dinosaurs!
	16.40 – 16.50	Jens	Atomic sensors can (sometimes) reveal the hidden secrets of charge carrier dynamics
	16.50 – 17.00	Closing remarks	