SVENSKA KEMISAMFUNDET
The Swedish Chemical Society

Optical Spectroscopy in Sweden – Preliminary schedule

Welcome to a two-day event on optical spectroscopy in Gothenburg, the 7th to 8th of March 2024. We would like to bring all spectroscopist in Sweden together during these two days. The speaking slot time is mostly 20 min including questions and time for changing speaker, we encourage speakers to aim for a 15 min speech in order to reserve time for questions.

Thursday March 7 2024

Time	Speaker	Title
13:15-13:30	Karl Börjesson, GU	Welcome address
13:30-14:00	Tönu Pullerits, LU	TBA
14:00-14:20	Ishita Jalan, Karlstad University	Donor–acceptor polymer complex formation in solution confirmed by spectroscopy and atomic-scale modelling
14:20-14:40	Moritz Senger, UU	Probing the Dark Side of Enzymatic Activity: Light Induced in Situ ATR-FTIR Spectroscopy Unravels Biocatalytic Reactions in Non-Light Active Enzymes
14:40-15:00	Alma Karlsson, Chalmers	Photophysical Characterisation of a New Fluorescent Guanine Nucleobase Analogue
15:00-15:30	Fika	
15:30-15:50	Nicola Peruffo, GU	The impact of molecular vibrations in the excited states relaxation of strongly coupled materials
15:50-16:10	Rahul Bhuyan, GU	The effect of exciton reservoir on strong exciton photon coupling
16:10-16:30	Sina Wrede, UU	Insights on charge transfer dynamics across dye-sensitized interfaces with Spectroelectrochemistry
16:30-16:50	Carlos Benitez-Martin, GU	Molecular engineering towards enhanced spatial resolution
16:50-17:10	Rasmus Ringström, Chalmers	Minimizing Energy Losses Using Exciton Coupling
17:10-17:30	Christina Wegeberg, LU	Exploiting Bimolecular Photocycles Driven by Ligand-to-Metal Charge Transfer Excited States
Dinner, time and place to be announced		

Friday March 8 2024

Time	Speaker	Title
8:30-8:50	Catherine Johnson, UU	Characterizing and Exploiting Excited State Electron Transfer of Iron N-Heterocyclic Carbene Complexes
8:50-9:10	Nora Eliasson, UU	Ultrafast Dynamics in Semiconductor-Molecular Hybrid Systems for Solar Applications: Mechanistic Studies to Guide Rational Design
9:10-9:30	Huotina Zhang, Linköping University	A BIPOLAR ORGANIC FOR PHOTOVOLTAICS
9:30-9:50	Monika Chaudhary, KTH	Calcite – stearic acid interactions: molecular insights revealed by non-linear vibrational spectroscopy
9:50-10:20	Kaffe	
10:20-10:40	Hannah Tideland, GU	TBA
10:40-11:00	Andrew Carrod, GU	Modulating TTA through control of high energy triplet states
11:00-11:30	Bo Albinsson, Chalmers	TBA
11:30-11:45	Joakim Andreasson	Final remarks