11th Nordic Femtochemistry Conference (NFC'14)

Vilnius – Lithuania
May 26-27, 2014

Programme

Monday 26 May			
9:00		**Opening ceremony**	
9:10	**I1**	**Tobias Brixner** (Germany)	Multidimensional Spectroscopy of Photoreactivity
9:40	**O1**	**Joachim Seibt** (Sweden)	3D Spectroscopy of Quantum Dots
10:00	**O2**	**David Paleček** (Sweden)	Coherent Dynamics in Mutated Photosynthetic Reaction Center: Insights by Polarization Resolved 2D Electronic Spectroscopy
10:20	**O3**	**Olga Rancova** (Lithuania)	Disorder effects revealed in modelled LH2 2DES spectra
10:40	**O4**	**Jakub Dostal** (Sweden)	Exciton structure of baseplate complex in chlorosomes revealed by coherent 2D electronic spectroscopy
11:00		*Coffee Break*	
11:30	**I2**	**Søren Rud Keiding** (Denmark)	Spectroscopy and picosecond dynamics of aqueous NO_2
12:00	**O5**	**Karel Zidek** (Sweden)	Distinction between relaxation and transfer of hot electrons in the quantum dot-metal oxide systems
12:20	**O6**	**Jana Preclikova** (Norway)	Coherent control of superposition of atomic Rydberg states with femtosecond laser pulses
12:40	**O7**	**Jacob Brun Nielsen** (Denmark)	Vibrational relaxation and solvent coupling in methylated xanthine derivatives
13:00	**O8**	**Jukka Aumanen** (Finland)	Four wave mixing spectroscopy and microscopy of individual carbon nanotubes
13:20		*Lunch*	
14:30	**O9**	**Andrius Jurgilaitis** (Sweden)	FemtoMAX – a Nordic facility for ultrafast X-ray science at the MAX IV laboratory
14:50	**O10**	**Michael Odelius** (Sweden)	Electronic structure and ultra-fast solution dynamics seen with X-ray vision through theoretical spectacles
15:10	**O11**	**Kasper Skov Kjær** (Denmark)	Molecular electron transfer, spin crossover, solvation and thermalization dynamics in transition metal containing systems studied with X-ray Free Electron Lasers
15:30	**O12**	**Tobias Harlang** (Sweden)	Prolonging lifetimes of metal-to-ligand charge transfer states in iron-based photosensitizers
15:50	**O13**	**Martin Alex Bjoern Larsen** (Denmark)	Photostability of disulfide bridges
16:10		**Poster session**	

Tuesday 27 May			
9:00	**I3**	**Arvi Freinberg** (Estonia)	New data on photosynthetic light harvesting: Is it slower than thought before?
9:30	**O14**	**Arne Kristoffersen** (Norway)	Fluorescence lifetime of chlorophyll a reveals reversible photo-protection mechanism in the green algae Tetraselmis under UV-stressed conditions
9:50	**O15**	**Liv Klein** (Denmark)	Excited state interactions in simple amines: Time-resolved gas phase studies
10:10	**O16**	**Jevgenij Chmeliov** (Lithuania)	Fluctuating antenna as an origin of multi-exponential fluorescence kinetics in photosystem II
10:30	**O17**	**Mikas Vengris** (Lithuania)	Ultrafast dynamics in proteins explored using three-pulse transient absorption spectroscopy
10:50		*Coffee Break*	
11:20	**I4**	**Donatas Zigmantas** (Sweden)	Tracking energy flow through the intact photosynthetic apparatus
11:50	**O18**	**Heli Lehtivuori** (Finland)	Light-induced formation of the Pfr state of bacteriophytochrome from Deinococcus radiodurans
12:10	**O19**	**Andrius Gelžinis** (Lithuania)	Energy transfer pathways in Fucoxanthin-Chlorophyll Protein complex revealed by two dimensional optical spectroscopy
12:30	**O20**	**Erling Thyrhaug** (Sweden)	Population- and Coherent- Dynamics in the Fenna-Matthews-Olson Complex Characterized by 2D Electronic Spectroscopy
12:50	**O21**	**Thorsten Hansen** (Denmark)	2D electronic spectra of Marcus electron transfer
13:10		*Lunch*	
14:00	**I5**	**Jacek Waluk** (Poland)	Studies of ultrafast proton/hydrogen transfer processes
14:30	**O22**	**Kaibo Zheng** (Sweden)	Directed Energy Transfer in Films of CdSe Quantum Dots
14:50	**O23**	**Satu Mustalahti** (Finland)	Ultrafast electronic relaxation and vibrational cooling dynamics of $Au_{144}(SC_2H_4Ph)_{60}$ nanocluster probed by transient mid-IR spectroscopy
15:10	**O24**	**Wei Zhang** (Sweden)	Charge carrier recombination in S-doped InP nanowires
15:30	**O25**	**Miroslav Menšík** (Czech Republic)	On the role of J-aggregation in stabilization of triplet states in nickel phtalocyanine derivative
15:50		*Coffee Break*	
16:20	**O26**	**Andrius Devižis** (Lithuania)	Dissociation of electron-hole pairs in planar heterojunction organic solar cells – electroabsorption study
16:40	**O27**	**David Rais** (Czech Republic)	Exciton-exciton annihilation in metallo-supramolecular polymers with Zn(II) ion-couplers studied by pump-probe transient absorption spectroscopy
17:00	**O28**	**Vytenis Pranculis**	Charge carrier generation and transport in different

		(Lithuania)	stoichiometry APFO3:$PC_{61}BM$ solar cells
17:20	**O29**	**Almis Serbenta** (The Netherlands)	Nanostructure of Organic Photovoltaic Devices Revealed by Ultrafast Spectroscopy
17:40		**Closing ceremony**	
18:00		***Conference dinner***	