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Light-matter Interactions from scratch: Theory and Experiments at the Border with Biology | (smr 3637)

Wednesday 24 November 2021

DAY 3: Chairpersons: Ravi Venkatramani, Ankona Datta - Online (09:00-13:00)

time	title	presenter
09:00	Insight Into the Spectral Tuning and Excited State Dynamics of Proteorhodopsin by QM/MM Simulation	IGOR SCHAPIRO
	- Introductory part (09:00-9:30)	
	- Q&A session	
	- Research talk (09:45-10:15)	
10:15	Break	
10:30	Excited State Aromaticity and Antiaromaticity: Scope, Limitations, Complications and Pitfalls	HENRIK OTTOSSON
	- Introductory part (10:30-11:00)	
	- Q&A session	
	- Research talk (11:15-11:45)	
11:45	Break	
12:00	Contributed talks - Excited states, photophysics and photochemistry in biological matter (ESPP)	
	- Mixed quantum-classical approach to the simulation and assignment of the time-resolved photoelectron spectra	TOMISLAV PITESA
	- Understanding Large Dihedral Angle Relaxation of DMAC-py-TRZ: A joint Experimental and Computational Study of Thermally-Activated Delayed Fluorescence Dye	RAMA DHALI
12:40	Contributed talks - Advanced spectroscopy and imaging to probe bio-interfaces (Spelm)	
	- Looking for turn-on fluorescent probes for mucin glycoprotein detection	STEFAN COSMIN BUTNARASU