

Timetable

Monday, 28 of February

12:00-14:00		Registration	
13:00-14:00		Light lunch	
14:00-15:00	OP	Sandy Ruhman Hebrew University, Jerusalem	Retrospect on I_3^- photochemistry: "Vintage" pump-probe to fs X-ray scattering
15:00-16:00	OP	Roi Baer Hebrew University, Jerusalem	Molecular Dynamics using stochastic DFT forces
16:00-16:30		Coffee & rooms check in	
16:30-17:30	OP	Jonathan Church Hebrew University, Jerusalem	Spectral Tuning in Rhodopsins: Insights from Molecular Dynamics and QM/MM Simulations
17:30-18:00	ST	Omer Haggag Hebrew University, Jerusalem	Excited state transannular interactions in [2,2]-Paracyclophane - a direct observation using ultrafast femtosecond spectroscopy
18:00-19:00	OP	Baruch Margulis Weizmann Institute, Rehovot	Quantum tomography of Feshbach resonance states
19:00-20:00		Dinner	
20:00-21:00	OP	Daniel Strasser Hebrew University, Jerusalem	HEIBT - a new experimental setup for ion-ion ion-neutral & ion-laser interaction studies
21:00-21:30	ST	Partha Malakar Hebrew University, Jerusalem	Comparison of the photoisomerization of three retinal ground states of Bacteriorhodopsin
21:30		Get together	

Tuesday, 1 of March

7:00–8:00		Breakfast	
08:00–13:00		Excursion	
13:00–14:00		Lunch	
14:00–15:00	OP	Eran Rabani University of California at Berkeley	Long-time Memory Effects in a Localizable Central Spin Problem
15:00–15:30	ST	Oran Ayalon Weizmann Institute, Rehovot	Complex Trajectory Approach to High Harmonic Generation. I
15:30–16:00	ST	Noam Ottolenghi Weizmann Institute, Rehovot	Complex Trajectory Approach to High Harmonic Generation. II
16:00–16:30	ST	Roie Dann Hebrew University, Jerusalem	Dynamics of driven quantum systems beyond the adiabatic limit
16:30–17:00		Coffee	
17:00–18:00	OP	Esti Livshits Hebrew University, Jerusalem	Methanol di-cation: Coulomb Explosion Story
18:00–18:30	ST	Krishnendu Gope Hebrew University, Jerusalem	Roaming H_2 Dynamics in the Methanol Dication
18:30–19:00	ST	Bar Ezra Hebrew University, Jerusalem	Ab initio analysis of dissociation process - angular momentum analysis
19:00–20:00		Dinner	
20:00–21:00	OP	Zohar Amity Technion, Haifa	Weak- and Strong-Field Coherent Control of a Thermal Collision Pair via Ultrafast Bond Making Control
21:00		Poster session with wine and beer	

Wednesday, 2 of March

7:30–9:00	Breakfast		
09:00–10:00	OP	Avner Fleischer Tel Aviv University, Tel Aviv	High-Harmonic-Generation: necessarily a representative of extreme-nonlinear aptics?
10:00–10:30	ST	Jonathan Berkheim Weizmann Institute, Rehovot	Phase and Polarization Effects in HHG from a Diatomic
10:30–11:00	Coffee		
11:00–12:00	OP	Nimrod Moiseyev Technion, Haifa	Discovery of novel physical phenomena by NHQM (non-Hermitian quantum mechanics).
12:00–12:30	ST	Yosi Alkoby Technion, Haifa	Probing gas-surface and interaction via magnetically manipulated molecular beam
12:30–13:00	ST	Alon Bogot Hebrew University, Jerusalem	Inverse Autoionization of Water
13:00–16:00	Lunch and get together		
16:00–17:00	OP	Christiane Koch Free University, Berlin	What chiral molecules can teach us about quantum control
17:00–17:30	Coffee		
17:30–18:30	OP	Yuval Shagam Technion, Haifa	Towards precision spectroscopy of parity violation in chiral molecules
18:30–19:00	ST	Arik Landau Technion, Haifa	The pursuit of chiral-molecule candidates for trapped ion spectroscopy via ab-initio calculations
19:00–20:00	Dinner		
20:00–21:00	OP	Sharly Fleischer Tel Aviv University, Tel Aviv	Molecular Rotors, Batteries, Plasmas and Strong Coupling in the terahertz frequency region
21:00–21:30	ST	Amit Beer Tel Aviv University, Tel Aviv	Molecular Orientation-Induced Second Harmonic Generation: deciphering different contributions apart

Thursday, 3 of March

7:30–9:00	Breakfast		
09:00–10:00	OP	Barak Hirshberg Tel Aviv University, Tel Aviv	Path integral molecular dynamics for indistinguishable particles
10:00–11:00	OP	David Tannor Weizmann Institute, Rehovot	200 Years after Hamilton: A New Derivation of Classical Mechanics
11:00–11:30	Coffee & room check-out		
11:30–12:30	OP	Lev Chuntanov Technion, Haifa	Two dimensional infrared spectroscopy of molecules on surfaces of metal nanostructures
12:30–13:30	OP	Ronnie Kosloff Hebrew University, Jerusalem	TBA
13:30	Concluding remarks		
13:40	Light lunch		