

08:00	Pick-up from the Technion	
09:20-09:30	Opening Remarks- Prof. Yosi Avron, Director, Helen Diller Quantum Center & Prof. Yoav Sagi, Retreat Director	
09:30-09:45	Ron Tenne	Observing electronic dynamics of a single nanocrystal with picosecond resolution
09:50-10:05	Raz Firanko (Anna Keselman)	Area laws and tensor networks for zero-temperature Gibbs states
10:10-10:25	Natan Karaev (Shay Hacohen-Gourgy)	Cavity Initialization via a Rabi Driven Qubit
10:25-10:45	Coffee Break	
10:45-11:00	Husein Natur (Uzi Pereg)	Quantum Coordination Rates in Multi-User Networks
11:05-11:20	Ido Nisim (Michael Krueger)	Quantum tomography of harmonic generation light from a Dirac material
11:25-11:40	Goni Yoeli (Gilad Gour)	Channel uncertainty and inevitable negative entropy
11:45-12:00	Guy Kalifa (Yoav Sagi)	Quantum control of tunneling: from spatial adiabatic passage to topological pumping
12:00-14:30	Lunch break & Poster Session	
14:35-14:50	Noa Konforty (Moti Segev)	Single-Cycle Time-Varying Photonics
14:55-15:10	Evgenii Zheltonozhskii (Netanel Lindner)	"Identifying the topological order of quantized half-filled Landau levels through their daughter states"
15:15-15:30	Yair Rajmial (Yuval Shagam)	Toward cold polyatomic molecular ions for precision measurement
15:35-15:50	Stav Lotan (Guy Bartal)	Leveraging Sparsity for Efficient Detection of Entanglement in High-Dimensional Space
16:05-16:20	Coffee Break	
16:25-16:40	Omer Gurevich (Tal Mor)	Mutually Unbiased Bases Quantum Algorithm for the Vehicle Routing Problem
16:45-17:00	Shiran Even Haim (Ido Kaminer)	Spin Squeezing in Electron Microscopy
17:05-17:20	Ismail Nassar (David Gershoni)	Fast control over the polarization state of light – a novel way for reinforcing entanglement between photon pairs emitted from Quantum Dots
	Closure & winners' announcement	
	Transportation back to the Technion	