



Workshop Program

Sunday 9/5		
14:00	14:45	Registration + Coffee+
14:45	15:00	Opening Remarks
15:00	15:45	Ronnie Kosloff The Orthodox Quantum Master Equation
15:45	16:30	Avi Pe'er Quantum Sensing with unlimited optical bandwidth
16:30	17:15	Uri Peskin Vibrational cooling by reservoir heating
17:15	17:45	Coffee break +
17:45	18:30	Guy Cohen Resolving the nonequilibrium Kondo singlet in energy-and position-space using quantum measurements
18:30	19:15	Ofer Firstenberg Continuous protection from inhomogeneous dephasing
19:15	20:30	Dinner
20:30	22:30	Poster session over Wine/Bear

Monday 10/5		
7:30	8:30	Breakfast
8:30	9:15	Amikam Levy Response theory of open quantum systems
9:15	10:00	Ephraim Shahmoon Fluctuation forces from quantum reservoirs: Casimir force in electronic circuits
10:00	10:30	Coffee breaker
10:30	11:15	Saar Rahav Uncertainty relation for enzymes, resetting systems, and other processes with irreversible transitions
11:15	11:40	Yotam Shpira Master equation reconstruction and steady state analysis with trapped ion qubits
11:40	12:05	Mor M. Roses Simulating long-range hopping on periodically-driven superconducting qubits
12:05	12:50	Lunch
12:50	16:45	Excursion to Bental + coffee+
16:45	17:30	Nir Bar-Gill Exceptional points in NV centers in diamonds

17:30	18:00	Coffee break
18:00	18:45	Gershon Kurizki Few-mode engines powered by heat and information
18:45	19:30	Moshe Goldstein Photon-Instanton Collider Implemented by a Superconducting Circuit
19:30		Conference Dinner
		Discussions
Tuesday 11/5		
7:30	8:30	Breakfast
8:30	9:15	Emuanuele Della Torre Quantum simulations with quantum computers on the cloud
9:15	10:00	Raam Uzdin TBA
10:00	10:30	Coffee +
10:30	11:15	Yoav Sagi Floquet engineering with a strongly interacting Fermi gas in continuous space
11:15	12:00	Concluding remarks