

**Day 1 Sunday Sep 8th**

<b>17:00-18 :05</b>	<b>Chair – Nir Davidson</b>
Nir Davidson	Welcome remarks
Nirit Dudovich	Attosecond Interferometry
Serge Rosenblum	From Rabi to Zeno: Observing the transitions toward the Quantum Zeno Effect
Ziv Meir	Coherent dynamics of a nuclear-spin-isomer superposition

**Break 18:05-18:35**

<b>18:35 – 19:35</b>	<b>Chair – Nirit Dudovich</b>
Victor Malka	Femtosecond Relativistic Electron Microscopy
Osip Schwartz	Quantum metrology in electron microscopy
Gershon Kurizki	Nonlinear quantum thermodynamics

**Dinner 19:45-20:45****21:00**

Yuval Ronen	Special lecture
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**Day 2, Monday Sep 9th**

<b>9:00-10:00</b>	<b>Chair – Victor Malka</b>
Roe Ozari	A new scale-up architecture for trapped ions quantum computing based on multi-qubit gates and optical potentials
Ofer Firstenberg	Photons at warp speed
Efi Shahmoon	Dissipative phase transition and metrology in collectively pumped superradiance

**Break 10:00-10:20**

<b>10:20-11 :20</b>	<b>Chair – Barak Dayan</b>
Amit Finkler	Pulsed nanoscale MRI for quantum emitters
Miri Kazes	Heralded spectroscopy of three-photon cascades in giant CsPbBr <sub>3</sub> nanocrystals
Amit Pando	Synchronization in coupled laser arrays with quenched disorder

**Break 11:20-11:40**

<b>11:40-12 :20</b>	<b>Chair – Efi Shahmoon</b>
Barak Dayan	Atom-mediated photonic quantum computation
Sasha Poddubny	Parametric interactions in waveguide quantum electrodynamics

**lunch at 12:30**