



	Astrophysics and cosmology 2	Biological and soft condensed matter physics	Plasma physics	Non-linear physics 2	Optics and photonics 2	Solid state 3: Transitions	Statistical physics	Solid state 4: Superconductivity	Quantum physics
<b>Room</b>	Alexander	Schmidt	Mexico	Atlas	Accelerator	room A	room B	room L	Weissman
<b>Chair</b>	Tal Alexander (WIS)	Oleg Krichevsky (BGU)	Lazar Friedland (HUJI)	Grisha Falkovich (WIS)	Lev Khaykovich (BIU)	Yuval Oreg (WIS)	Lior Klein (BIU)	Efrat Shimshoni (Haifa)	Ehud Altman (WIS)
<b>16:40</b>	<b>Zacharia Myers (Technion)</b>	<b>Nathalie Q. Balaban (HUJI)</b>	<b>Peter Isrealevich (TAU)</b>	<b>Ido Barth (HUJI)</b>	<b>Tal Ellenbogen (TAU)</b>	<b>Yigal Meir (BGU)</b>	<b>Stas Burov (BIU)</b>	<b>Haim Beidenkopf (WIS)</b>	<b>Izhar Neder (WIS)</b>
	<i>Neutralino Annihilations and the Gas Temperature in the Dark Ages</i>	<i>Variability in bacterial populations</i>	<i>Relations between the magnetospheric and laboratory plasma studies</i>	<i>Multiresonant control of two-dimensional dynamical systems</i>	<i>Nonlinear photonic structures for all-optical deflection</i>	<i>Transport through disordered superconducting thin films</i>	<i>Occupation Time Statistics in the Quenched Trap Model</i>	<i>The edge and bulk barriers of a superconducting sample turn inductive</i>	<i>Entanglement, dephasing, and phase recovery via cross-correlation measurements of electrons</i>
<b>16:52</b>	<b>Noam Libeskind (HUJI)</b>			<b>Gali Dekel (TAU)</b>	<b>Yoni Toker (WIS)</b>		<b>Ehud Pazy (NRCN)</b>	<b>Amit Finkler (WIS)</b>	<b>Eli Meiron (Technion)</b>
	<i>The flattening of satellite galaxies</i>			<i>Dynamics of Macroscopic Tunneling: Hydrodynamic Approach</i>	<i>Radiative Cooling of Al<sub>4</sub>-</i>		<i>Microscopic kinetic model for critical heat flux</i>	<i>The NanoSQUID: A Novel Tool to Locally Explore Vortex Matter in Superconductors</i>	<i>Entanglement on demand through time reordering</i>
<b>17:04</b>	<b>Joanna Woo (HUJI)</b>			<b>Itay Hen (TAU)</b>	<b>Faina Shikerman (BIU)</b>		<b>Ronen Magier (TAU)</b>	<b>Daniel Golubchik (Technion)</b>	<b>Rami Pugatch (WIS)</b>
	<i>The environment dependence of the SFR at <math>z \sim 1.5</math> and at <math>z \sim 0.5</math></i>			<i>Hexagonal structure of baby Skyrmion lattices</i>	<i>Photon Statistics for Single Molecule Non-Linear Spectroscopy</i>		<i>Critical points in the strong-field magnetotransport of three-dimensional binary disordered composite media</i>	<i>Design of magneto-optical system for imaging of flux created during a conductor-superconductor phase transition.</i>	<i>Topological stability of stored optical vortices</i>
<b>17:16</b>	<b>Avi Shporer (TAU)</b>	<b>Tamar Friedlander (Technion)</b>	<b>Dror Alumot (WIS)</b>	<b>Rebecca Hihinashvili (Technion)</b>	<b>Amir Golan (BGU)</b>	<b>Dganit Meidan (WIS)</b>	<b>Baruch Barzel (HUJI)</b>	<b>Itay Asulin (HUJI)</b>	<b>Yoseph Imry (WIS)</b>
	<i>HD147506b - An interesting transiting extrasolar planet</i>	<i>Population steady state distributions: asymptotic and exact results</i>	<i>Measuring plasma parameters using continuum x-ray spectroscopy in a 1 MA Z-pinch generator</i>	<i>Regimes of stability of accelerator modes</i>	<i>Paving the road for reactivity control in large molecules</i>	<i>Sharp Superconductor-Insulator Transition in Short Wires</i>	<i>An Efficient Method for Simulating Complex Reaction Networks</i>	<i>The Proximity Effect in Superconductor / Ferromagnet Bilayers. Ai possible evidence for induced magnetization in the superconductor</i>	<i>Decays in Quantum Hierarchical Models</i>
<b>17:28</b>	<b>Hagai Perets (WIS)</b>	<b>Ronen Kopito (WIS)</b>	<b>Pavel Khain (HUJI)</b>	<b>shmuel Rubinstein (HUJI)</b>	<b>Sharly Fleischer (WIS)</b>	<b>Asaf Pesach (BGU)</b>	<b>N. Nissim (Soreq)</b>	<b>Ofer Yuli (HUJI)</b>	<b>Tal David (BGU)</b>
	<i>Massive Pertubers and Gravitational Wave sources in Galactic Nuclei</i>	<i>Simple thermodynamics underlie Nucleocytoplasmic transport</i>	<i>A water bag theory of autoresonant Bernstein-Greene-Kruskal modes</i>	<i>Precursors to frictional sliding</i>	<i>Nuclear Spin Selective Rotational Excitation</i>	<i>Pressure Induced Insulator to Metal Transition in Amorphous SiO</i>	<i>High-pressure phase transition detection in diamond anvil cell using the method of ellipsometry</i>	<i>Tc enhancement of differently doped La<sub>2</sub>-xSrxCuO<sub>4</sub> bilayers: Role of pairing strength and phase stiffness</i>	<i>Suppression of decoherence and heating in atom-surface interaction by use of electrically anisotropic materials for atom chips</i>
<b>17:40</b>	<b>Gabor Kupi (WIS)</b>	<b>Oren Raz (Technion)</b>	<b>Dima Osin (WIS)</b>	<b>Lawrence Horwitz (TAU)</b>	<b>Ari Gero (Technion)</b>	<b>Rani Arielly (TAU)</b>	<b>Shai Levy (BIU)</b>	<b>Maayan Moshe (TAU)</b>	<b>Mark Vilenky (WIS)</b>
	<i>TBA</i>	<i>Swimming, pumping and gliding at low Reynolds number</i>	<i>Ion dynamics in plasmas under intense magnetic fields</i>	<i>Geometry and stability of dynamical systems</i>	<i>Photon localization and Dicke superradiance in atomic gases: Crossover to a "small world" network</i>	<i>Insulator to metal transition of GaFeO<sub>3</sub> under very high pressures</i>	<i>Optical properties of nanocrystalline Ge irradiated by fast neutrons</i>	<i>High-field vortices in Josephson junctions with alternating critical current density</i>	<i>Feedback-Controlled Radiation Pressure Cooling</i>
<b>17:52</b>	<b>Tobias GoerdT (HUJI)</b>	<b>Emir Haleva (TAU)</b>	<b>Guy Rosenzweig (WIS)</b>		<b>Tal Schwartz (Technion)</b>	<b>Alexander Stotland (BGU)</b>	<b>Maytal Ben-Zion (Refael)</b>	<b>Shay Hacoheh (TAU)</b>	<b>Daria Dubrovin (TAU)</b>
	<i>The formation of ultra-compact dwarf galaxies and nucleated dwarf galaxies</i>	<i>Anomalous thermodynamics of stuffed vesicles</i>	<i>Determining the initial density distribution of an imploding plasma</i>		<i>Transport and Anderson Localization in Disordered Photonic Lattices</i>	<i>The fluctuations of the current within a mesoscopic ring</i>	<i>The common principle behind all cryocoolers Title</i>	<i>Andreev-Saint-James reflections in superconductor/ferromagnetic planar junctions</i>	<i>Super-Poissonian Shot Noise as a Measure of Dephasing in Closed Quantum Dots</i>
<b>18:04</b>	<b>Omer Bromberg (TAU)</b>	<b>Yaron Caspi (WIS)</b>	<b>Boaz Rubinstein (WIS)</b>		<b>Boris Kapilevich (Ariel)</b>	<b>Isaschar Genish (BIU)</b>	<b>Eli Kraiser (TAU)</b>	<b>Guy Leibovitch (TAU)</b>	<b>Eilon Poem (Technion)</b>
	<i>Hydrodynamic Collimation of Relativistic Outflows</i>	<i>Polymer modulation of hydrogen bond kinetics</i>	<i>High spatial resolution spectroscopy for studying the propagation of magnetic fields in plasmas</i>		<i>Imaging behind thick walls - a FEL feasibility study</i>	<i>Using the planar Hall effect to determine resistivity anisotropy</i>	<i>The electronic configuration of the Kohn-Sham reference system within the density-functional theory</i>	<i>Field Induced Nodal Order Parameter in the Tunneling Spectrum of YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> Superconductor</i>	<i>Polarization sensitive spectroscopy of charged Quantum Dots</i>
<b>18:16</b>		<b>Shay. M Rappaport (BIU)</b>	<b>Oded Yaakobi (HUJI)</b>		<b>Amit Porat (TAU)</b>	<b>Michael Stern (WIS)</b>		<b>Eytan Grosfeld (WIS)</b>	<b>Gili Bisker (Technion)</b>
		<i>FKA &amp; Differential geometry of polymer models</i>	<i>Autoresonant stimulated Raman scattering in nonuniform plasmas</i>		<i>Ultrafast frustration of the magnetization in exchange bias Ni/Fe<sub>2</sub></i>	<i>The Mott transition of excitons in coupled quantum wells</i>		<i>Predicted signatures of p-wave superfluid phases and Majorana zero modes of cold fermionic atoms in RF absorption</i>	<i>Visualizing Two Qubits</i>
<b>18:28</b>		<b>Adiel Loinger (HUJI)</b>	<b>Asher Yahalom (Ariel)</b>			<b>Dov Steiner (HUJI)</b>			
		<i>Stochastic Analysis of genetic Regulatory Networks</i>	<i>Simplified Variational Principles for Stationary Barotropic Magnetohydrodynamics</i>			<i>Electronic structure and self assembly of semiconductor nanocrystals in arrays</i>			