

degradation

13:50	Eli Sarid (BGU, CERN) Invited The quest for precision measurements of	Filipe Natalio (WIS) Invited Semi-synthetic biological fabrication of cellulose fibers	Adi Salomon (BIU) Invited Cathodoluminescence Nanoscopy of Plasmonic Structures	Gili Bisker (TAU) Invited Fluorescent single-walled carbon nanotubes for sensing and
	antihydrogen atoms	with tailored properties		imaging in the near-infrared
14:05	Yechiel Frank (LLNL) Invited Fluorescent single-walled carbon nanotubes for sensing and imaging in the near-infrared	Raya Sorkin (TAU) <i>Invited</i> The soft side of extra-cellular vesicles	Ido Kaminer (Technion) Invited Extreme Light-Matter Interactions in the Ultrafast Transmission Electron Microscope	Roie Yerushalmi (HUJI) Invited Water-Compatible Electronic Tunneling Spectroscopy Detectors enabled by Nano-Floret Hybrid Nanosystems
14:20	Omri Hamo (Technion) <i>Contributed</i> 2D Particle-in-Cell Simulation of the Narrow Channel Hall Thruster Plume	Ronit Bitton (BGU) <i>Invited</i> Macroscopic sacs and membranes of hierarchically assembled biopolymers and peptides	Sidney Cohen (WIS) Contributed Nano-Mechanical/Spectroscopic Characterization of Organic Micro-Inclusions in Flint	Rakefet Ofek Almog (Azrieli College of Engineering) Contributed Decorating ZnO Nanowalls with AuNP for Bio-Sensing Applications
14:30	Meytal Siman Tov (Technion) Contributed Generation of Periodic Bunches Produced by a Squeezed Electron Beam in a Resonant Cavity	Irit Rosenhek-Goldian (WIS) Contributed Mechanical properties of fibrillar materials: the role of H- bond formation in amyloid peptides	Asmita Dutta (Ariel Univ.) Contributed Surface modifications of carbon nanodots reveal the chemical source of their bright fluorescence	Ehud Greenberg (BIU) Contributed 3D Material Deposition by a Laser Induced Photo-Thermal Reaction
14:40	Tal Queller (WIS) ContributedRadial current distribution of a gas-puff selfimploding plasma close to stagnation	Chiara Daraio (CalTech) Keynote Organic temperature and IR sensors	Ashish Prajabati (BGU) Contributed Omnidirectional Absorption with Submicrometer-Scaled Compound Parabolic Light Concentrator Arrays	Thomas Gilmore (Impedans Ltd) <i>Contributed</i> On modern fault detection methods for industrial plasmas using intelligent sensors
	Tal miller (HUJI) Contributed Rate Equations Model of Multiple Mirror Systems			
14:50	Discussion			
15:10	Break			
15:30	Plenary Session II: Paul S. Weiss (UCLA) Atomically Precise Chemical, Physical, Electronic, and Spin Contacts Chair: David Cahen (WIS, BIU)			
16:10	IVS Awards and Closing Remarks			

16:30 IVS General Assembly