

Tuesday, March 3, 2015

08:00-09:00	COFFEE AND REGISTRATION		
09:00-11:00	OPENING SESSION		
	Chairperson: Abraham Katzir, Chairman of Oasis 2015		
09:10-09:20	OPENING REMARKS BY MR. SHIMON PERES, 9TH PRESIDENT OF ISRAEL		
09:20-09:30	Prof. Alan Willner, USC, USA - 2015 - The International Year of Light		
09:30-10:15	Prof. Serge Haroche, Nobel prize winner, Collège de France, Paris, France - Manipulation and Control of trapped photons with real or artificial atoms : from Cavity QED to Circuit QED		
10:15-11:00	Prof. Alan Willner, USC, USA - High-Speed Optical Communications using Multiplexing of Multiple Orbital-Angular-Momentum Beams		
11:00-11:30	COFFEE BREAK and POSTERS REVIEW		
11:30-13:00	PARALLEL SESSIONS		
Medicine and Biology - Natan T. Shaked	Photonics in Defense - Ephi Pinsky	Optical Engineering - Ariela Donval	MEDINANO - Session 1, Chairman: Z. Zalevsky
<p>Enhancing biomedical research with spectroscopic imaging <i>(Invited Paper)</i></p> <p>- Sergei Kazarian, Imperial College, London, UK</p> <p>Spectrally encoded imaging for clinical diagnosis <i>(Invited Paper)</i></p> <p>- Dvir Yelin, Technion-Israel Institute of Technology</p> <p>Multicolor imaging of single molecules in protein complexes <i>(Invited Paper)</i></p> <p>- Eilon Sherman, The Hebrew University</p> <p>Nanoparticle-assisted STED nanoscopy <i>(Invited Paper)</i></p> <p>- Yonatan Sivan, Ben Gurion University</p>	<p>Photonics Base Capabilities and R&D Defense Applications at DDR&D <i>(Invited Paper)</i></p> <p>- Nadav Cohen, Ministry of Defense</p> <p>Standoff mmW/THz Imaging Demonstrator for Homeland Security Applications</p> <p>- Ephi Pinsky, RAFAEL LTD.</p> <p>Plasmonic GaN Quantum Cascade SWIR Detector with Enhanced Efficiency at Normal Incidence</p> <p>- Gad Bahir, Ofir Sorias, Lior Gal, Meir Orenstein, Technion-Israel Institute of Technology; Nicolas Grandjean, Institute of Condensed Matter Physics, EPFL, Switzerland</p> <p>Type II Superlattice Detector for Long-Wave Infrared Imaging</p> <p>- Lidia Langot, SCD</p>	<p>Multimaterial Fibers <i>(Invited Paper)</i></p> <p>- Michael Rein, MIT, USA</p> <p>Live Interactive Holography – From Science Fiction to Science Fact</p> <p>- Shaul Geman, Realview Imaging</p> <p>The Challenges and Barriers in the Development of True Augmented Reality Smart Glasses</p> <p>- Gabby Sarusi, Imagine - Mobile Augmented Reality</p> <p>New design and techniques of Head Mounted Displays for Augmented Reality</p> <p>- Gil Benesh, Ebit systems</p> <p>Tunable extended depth of field by temporal multiplexing of a transmissive annular low resolution liquid crystal SLM</p> <p>- Ifitach Klapp, Ben Gurion University, Volcani Center; Asi Solodar, Ibrahim Abdulhalim, Ben Gurion University</p>	<p>Opening words in Medinano conference hall <i>(Invited Paper)</i></p> <p>Nonlinear Plasmonics in Nanostructured Graphene <i>(Invited Paper)</i></p> <p>- Joel Cox, Javier Garcia de Abajo, ICFO-Institut de Ciències Fotòniques, Spain</p> <p>Nanoperture enhanced fluorescence energy transfer <i>(Invited Paper)</i></p> <p>- Jerome Wenger et al., CNRS, France</p> <p>Metamaterial Based Nanobiosensors and Nanophotodetectors <i>(Invited Paper)</i></p> <p>- Ekmele Ozbay, Bilkent University, Turkey</p> <p>Assessment of InN nano-particles for LSPR based skin cancer diagnosis at the THz domain</p> <p>- Michael Ney, Ibrahim Abdulhalim, Ben Gurion University</p>

13:00-14:00	LUNCH BREAK and POSTERS REVIEW		
14:00-15:30	PARALLEL SESSIONS		
Medicine and Biology - Natan T. Shaked	Remote Sensing - Eyal Agassi	Lasers and Applications - Amiel A. Ishaaya	MEDINANO - Session 2, Chairman: E. Ozbay
<p>Exciting approaches for biomedical diagnostics in microfluidics by coherent light microscopy <i>(Invited Paper)</i></p> <p>- Pietro Ferraro, Ilisa Miccio, Francesco Merola, Pasquale Memmolo, Paolo Netti, CNR - Istituto di Cibernetica "E. Caianiello", Italy</p> <p>New photonic tools for cellular-scale interfacing with the retina <i>(Invited Paper)</i></p> <p>- Shy Shoham, Technion-Israel Institute of Technology</p> <p>Photoacoustic methods for simultaneous measurement of blood flow and oxygen saturation <i>(Invited Paper)</i></p> <p>- Avishay Eyal, Tel Aviv University</p> <p>New imaging techniques based on plasmon-coupled probes for medical applications <i>(Invited Paper)</i></p> <p>- Dror Fixler, Bar Ilan University</p>	<p>KITube the advanced mobile meteorological observation platform <i>(Invited Paper)</i></p> <p>- Andreas Wieser, Bianca Adler, Ulrich Corsmeier, Thomas Damian, Jan Handwerker, Norbert Kalthoff, Institute for Meteorology and Climate Research (IMK), Germany</p> <p>Multi-view sensing across media</p> <p>- Yoav Y. Schechner, Technion-Israel Institute of Technology</p> <p>The Sparse Spectrum Harmonic Augmentation method</p> <p>- Itay Naah, Tel Aviv University</p> <p>Temporal and Spatial Aerosol Dynamics Close to the Shore and Inland Retrieved from the Vertical Aerosol Profiles Measured by few Ceilometers in Israel</p> <p>- Leenes Alzan, Leenes Uzan, Pavel Kuning, Smadar Egert, Pinhas Alpert, Tel Aviv University</p> <p>Night Glow Measurements in Israel</p> <p>- Yishay Bruckental, Dan Sheffer, Alexei Kravchuk, IARD Sensing Solutions LTD</p>	<p>Mid-infrared and THz Quantum cascade laser frequency combs <i>(Invited Paper)</i></p> <p>- Jerome Faist, ETH Zurich, Switzerland</p> <p>Phase Locking (very) Large Laser Arrays <i>(Invited Paper)</i></p> <p>- Nir Davidson, Weizmann Institute of Science</p> <p>Single Mode Fiber-Coupled Laser based on Coherent Beam Combining of Laser Diodes</p> <p>- Benayahu Urbach, Eyal shekel, Yaniv Vidne, Civan Advanced Technologies Ltd.</p> <p>Taking the Linewidth of semiconductor lasers to its limit</p> <p>- Yasha Vlaschik, Amnon Yariv, California Institute of Technology, California, USA</p> <p>Controlling the spatial coherence of a laser</p> <p>- Ronen Chirki, Micha Nixon, Vishva Pal, Chene Tradonsky, Galad Barach, Asher A. Friesem, Nir Davidson, Weizmann Institute of Science</p>	<p>Towards quantum optics at the nanoscale: bringing electrons and photons together in the electron microscope <i>(Invited Paper)</i></p> <p>- Luiz Tizei, Université Paris Sud, France</p> <p>Ramsey type spectroscopy of spin coherences in alkali atoms – transient development and relaxation rates <i>(Invited Paper)</i></p> <p>- Brana Jelenkovic et al., University of Belgrade, Serbia</p> <p>Photonic probing of entropic potentials</p> <p>- Aikwiadis-Constantinos Cefalas et al., National Hellenic Research Foundation, Greece</p> <p>Three-Wave-Mixing in Nonlinear Metamaterial Photonic Crystals</p> <p>- Shay Keren-Zur et al., Tel Aviv University</p> <p>Retrieving the Polarizability Tensor of Wire Media</p> <p>- Jacob Ben-Yakar et al., Tel Aviv University</p>

15:30-16:00	COFFEE BREAK and POSTERS REVIEW		
16:00-17:30	PARALLEL SESSIONS		
Solar Energy - Yaakov Tischler	Remote Sensing - Eyal Agassi	Lasers and Applications - Amiel A. Ishaaya	MEDINANO - Session 3, Chairman: P. Ferraro
<p>Hybrid Organic / Inorganic Perovskite Solar Cells <i>(Invited Paper)</i></p> <p>- David Cahen, Gary Hodes, Weizmann Institute of Science</p> <p>All-Oxide Photovoltaics: A Combinatorial Material Science Study <i>(Invited Paper)</i></p> <p>- Arie Zaban, Bar-Ilan University</p> <p>Enhancing selective thermal absorbers and emitters for efficient solar energy conversion <i>(Invited Paper)</i></p> <p>- Peter Bermel, Purdue University, USA</p> <p>On the transition from photoluminescence to thermal emission and its implication on solar energy conversion <i>(Invited Paper)</i></p> <p>- Carmel Rotschild, Assaf Manor, Leopoldo L. Martin, Technion-Israel Institute of Technology</p>	<p>Mid-infrared interband cascade laser based trace gas sensor technologies: recent advances and applications <i>(Invited Paper)</i></p> <p>- Frank K. Tittel, Rice University, USA</p> <p>Remote Laser Doppler Vibrometry for large mechanical structures <i>(Invited Paper)</i></p> <p>- Reinhard Ebert, Parter Lutzmann, Clemens Scherer, Norbert Scherer-Negenborn, Fraunhofer Institute of Optics, System Technologies and Image Exploitation, Germany</p> <p>Standoff Detection of Buried Landmines Using Genetically Engineered Fluorescent Bacterial Sensors</p> <p>- Yossef Kabessa, Sharon Yagur-Kroll, Shimshon Belkin, Aharon J. Agranat, The Hebrew University</p> <p>Retrieval of concentration-lengths of gaseous plumes obtained from hyperspectral data</p> <p>- Eyal Agassi, Eitan Hirsch, Alon Manor, Dorita Rostkeir-Edelstein, Israel Institute for Biological Research</p> <p>Long-range, high-resolution Brillouin fiber sensors using advanced coding techniques</p> <p>- Avi Zadok, Yosef London, Yair Antman, Bar-Ilan University, Nadav Levanon, Tel Aviv University</p>	<p>Recent Progress in Long-Wavelength Vertical Cavity Lasers Made by Wafer Fusion <i>(Invited Paper)</i></p> <p>- Eli Kapon, EPFL Lausanne, Switzerland</p> <p>Diode pumped alkali lasers (DPALs): The next generation of high power lasers <i>(Invited Paper)</i></p> <p>- Salman (Zamki) Rosenwaks, Ben Gurion University</p> <p>New perspectives for fiber lasers using powder-sintered cores and draw tower gratings <i>(Invited Paper)</i></p> <p>- Matthias Jaeger, Leibniz Institute of Photonic Technologies (IPHT), Germany</p> <p>A Robust All-Fiber Q-Switched 1micron Yb3+ Fiber Laser</p> <p>- Yoav Sintov, Sharone Goldring, Shaul Pearl, Eyal Leblush, Mark Lebednik, Bruno Sfez, Dror Malka, Zeev Zalevsky, Soreq Nuclear Research Center and Bar-Ilan University</p>	<p>Femtosecond laser micromachining for the realization of fully integrated photonic and microfluidic devices <i>(Invited Paper)</i></p> <p>- Roberta Ramponi, Politecnico di Milano, Italy</p> <p>New directions in nonlinear optomechanics: Optical and mechanical access to analytes in their aquatic environment <i>(Invited Paper)</i></p> <p>- Tal Carmon, Technion-Israel Institute of Technology</p> <p>Broadband near field characterization of nanophotonic devices using Scanning Thermal Microscopy</p> <p>- Mair Grajower et al., Hebrew University of Jerusalem</p> <p>Airy beam propagation along one dimensional optically induced photonic lattice with defect</p> <p>- Nemanja M. Lucic et al., University of Belgrade, Serbia</p> <p>Nanogrid Films of Vanadium Dioxide for Smart Window Applications</p> <p>- Igal Balinet et al., Ben Gurion University</p> <p>Arbitrary Spectral Shaping of Plasmonic Broadband Excitations</p> <p>- Yuval Tsur et al., Tel Aviv University</p> <p>A new trapping platform for nanomaterial: the 2D Photonic Crystal Extended Cavity</p> <p>- Laurent. Milord et al., Université dr Lyon, France</p> <p>Nanohole array-based metasurfaces with complex shapes of apertures defined as Boolean objects</p> <p>- Zoran Jakšić et al., University of Belgrade, Serbia</p> <p>Ultra-high Q silicon resonators in planarized LOCOS</p> <p>- Alex Naiman et al, The Hebrew University</p> <p>Extracting the optical properties of organic nanoparticles using iterative method</p> <p>- Inbar Yariv et al., Bar Ilan University</p>

END OF DAY 1

Wednesday March 4, 2015

08:00-09:00	COFFEE AND REGISTRATION and POSTERS REVIEW		
09:00-11:00	OPENING SESSION		
09:00-09:15	CERTIFICATE AWARD CEREMONY		
	Chairperson: Abraham Katzir, Chairman of Oasis 2015		
09:15-09:30	Bruno Sfez, Soreq Nuclear Research Center, Israel - The future National Photonic Center: infrastructure and applications		
09:30-10:15	Prof. Naomi Halas, Rice University, USA - Plasmonics: shedding light on cross-cutting science and technologies		
10:15-11:00	Prof. Moti Segev, Technion-Israel Institute of Technology - Structure-based subwavelength imaging and super-resolution in time, space and in quantum systems		
11:00-11:30	COFFEE BREAK and POSTERS REVIEW		
11:30-13:00	PARALLEL SESSIONS		
Quantum Optics - David Gershoni	Photonics in Defense - Ephi Pinsky	Lasers in Industry - Michael Berger	Electro Optics Devices - Uriel Levy
<p>Controlling photons with a single spin in a quantum dot <i>(Invited Paper)</i></p> <p>- Edo Waks, Shuo Sun, Hyeochul Kim, Glenn S. Solomon, University of Maryland at College Park, USA</p> <p>Single SiV colour centres in diamond <i>(Invited Paper)</i></p> <p>- Fedor Jeleško, Ulm University ,Germany</p> <p>Cooperative photon scattering in a mesoscopic atomic array <i>(Invited Paper)</i></p> <p>- Reel Ozeri, Weizmann Institute of Science</p> <p>Deterministic Writing and Control of the Dark Exciton Spin using Short Single Optical Pulses <i>(Invited Paper)</i></p> <p>- Emma Schmidgall, Technion-Israel Institute of Technology</p>	<p>Computational Imaging in Infra-Red and THz Systems <i>(Invited Paper)</i></p> <p>- Zeev Zalevsky, Alex Zlotnik, Yuval Kapellner, Amir Shemer, Ariel Schwarz, Bar Ilan University</p> <p>Controlled Mode Mixing in Optical Fibers (Fiber Piano)</p> <p>- Daniel Golubchik, Yehonathan Segev, Dan Regelman, Rafael Advanced Defense System Ltd.</p> <p>Super Resolved Passive Imaging of Remote Moving Object on Top of Sparse Unknown Background</p> <p>- Asaf Iliovitch, Zeev Zalevsky, Bar-Ilan University</p> <p>Method for Increased Detection Range in IR Warning Systems</p> <p>- Paula Roit, Arad Eyal, RAFAEL LTD.</p>	<p>Diode Lasers in Medical applications <i>(Invited Paper)</i></p> <p>- Ziv Karni, Alma Lasers</p> <p>Recent results on laser damage threshold of AR coatings on phosphate laser glasses</p> <p>- Dirk Apitz, Schott Suisse SA, Switzerland</p> <p>Low-NA 50 W fiber laser pumps powered by high-brightness single emitters</p> <p>- Dan Yanson, Moshe Levy, Ophir Peleg, Noam Pappaport, Moshe Shamay, Nir Dahian, Genady Klumel, Yuri Berk, Ilya Baskin, SCD - Semiconductor Devices</p> <p>12:30 Ultrafast Phenomena - Yehiam Prior</p> <p>Study and control over temporal relaxation of plasma filaments left in the wake of high power femtosecond laser pulse</p> <p>- Jency Papeer, Moti Botton, Arie Zgler, Zohar Henis, The Hebrew University; Dan Gordon, Naval Research Lab, Washington, DC</p> <p>Time-resolved carrier dynamics and carrier lifetime in Si-on-glass thin films intended as absorbers for photovoltaic cells</p> <p>- Román Sobolewski, John Serafini, Yuhang Wang, University of Rochester, USA; Robert Bellman, Carlo Kosik Williams, Coming Incorporated</p>	<p>Nanoscale optical modulators – relative merits <i>(Invited Paper)</i></p> <p>- Jacob Khurgin, John Hopkins University, USA</p> <p>Hi Efficiency Silicon electro optic modulators</p> <p>- Boris Desiatov, Ilyia Goykhtman, Joseph Shappir, Noa Mazurski, Uriel Levy, The Hebrew University</p> <p>Brillouin-based single-sideband amplification and processing of OTDR signals</p> <p>- Shmuel Sternklar, Ariel University</p> <p>Photo-Induced Tuning of Chalcogenide-on-Silicon Photonic Integrated Circuits</p> <p>- Avi Zadok, Ran Califa, Dvir Munk, Yury Kaganovskii, Hadar Genish, Idan Bakish, Michael Rosenbluh, Bar-Ilan University Bar-Ilan University</p> <p>Temperature measurement of fiber optics by means of thermal induced fluorescence</p> <p>- Sharon Goldring, Shaul Pearl, Yakkov Glick, Soreq NRC</p>

13:00-14:00	LUNCH BREAK and POSTERS REVIEW		
13:00-14:00	KLA TENCOR - LUNCH SYMPOSIUM		
14:00-15:30	PARALLEL SESSIONS		
Micro and Nano Optics - Ronen Rapaport	Electro Optics in Industry - Michael Berger	Ultrafast Phenomena - Yehiam Prior	Nonlinear Optics - Shimshon Barad
<p>Cooling and Amplification of a Vacuum-Trapped nanoparticle (Session keynote Paper)</p> <p>- Lukas Novotny, ETH Zurich</p> <p>Multiple wavefront shaping by a single spinoptical gradient metasurface <i>(Invited Paper)</i></p> <p>- Erez Hasman, Technion-Israel Institute of Technology</p> <p>Directing the Emission of Single Quantum Dots Using a Hybrid Metal-Dielectric Nano-Antenna</p> <p>- Nitzan Livneh, The Hebrew University</p> <p>Highly efficient Plasmonic Holography <i>(Invited Paper)</i></p> <p>- Jacov (Kobi) Scheuer, Yuval Yifat, Michal Eitan, Zeev Iluz, Yael Hanain, Amir Boag, Tel Aviv University</p>	<p>EM simulations as a design tool in semiconductor metrology</p> <p>- Nuriel Amir, KLA-Tencor</p> <p>State of the art of uncooled infrared focal plane array technology based on amorphous Silicon <i>(Invited Paper)</i></p> <p>- Arnaud Crastes, ULIS, France</p> <p>Low light level CMOS sensor for night vision camera</p> <p>- Elad Gross, Ebit Systems</p> <p>Overcoming the 193nm imaging sensor lifetime obstacle – design considerations and actual performance of a CMOS sensor for Wafer and Mask Inspection</p> <p>- Shraga Tsur, Tal Kuzniz, PD/PDC/Applied Materials</p>	<p>Unlocking the bandwidth resource in quantum optics with broadband bi-photons <i>(Invited Paper)</i></p> <p>- Avi Pe'er, Yaakov Shaked, Rafi Vared, Tzahi Geller, Shai Yefet, Michael Rosenbluh, Bar Ilan University</p> <p>Bright phase-matched high harmonic generation with controllable polarization <i>(Invited Paper)</i></p> <p>- Oren Cohen, Avner Fleischer, Ofer Kfir, Tzvi Diskin, Pavel Sidorenko, Technion-Israel Institute of Technology</p> <p>From populations to coherences and back: a new insight about rotating dipoles <i>(Invited Paper)</i></p> <p>- Sharyl Fleischer, Robert W. Field, Keith A. Nelson, Tel Aviv University</p> <p>Disentangling intense field double detachment of molecular and cluster anions by 3D c coincidence imaging <i>(Invited Paper)</i></p> <p>- Daniel Strasser, The Hebrew University</p>	<p>Chip-Based Optical Frequency Combs <i>(Invited Paper)</i></p> <p>- Alex Gaeta, Cornell University, USA</p> <p>Extremely nondegenerate nonlinear optics <i>(Invited Paper)</i></p> <p>- David J. Hagian, Himansu Pattanaik, Matthew Reichert, Peng Zhao, Eric Van Stryland, University of Central Florida, USA</p> <p>Phase-Mismatch Free Nonlinear Propagation in Zero-Index Materials <i>(Invited Paper)</i></p> <p>- Haim Suchowski, Kevin O'Brien, Zi Jing Wong, Alessandro Salandrino, Xiaobo Yin, Xiang Zhang, UC Berkeley, USA</p>

15:30-16:00	COFFEE BREAK and POSTERS REVIEW		
16:00-17:30	PARALLEL SESSIONS		
Micro and Nano Optics - Ronen Rapaport	Electro Optics in Industry - Michael Berger	Nonlinear optics - Shimshon Barad	Electro Optics Devices - Uriel Levy
<p>Direct Laser Generation and Amplification of Singular Light <i>(Invited Paper)</i></p> <p>- Nir Davidson, Weizmann Institute of Science</p> <p>NV centers in diamond – from nanoscale MRI to quantum information processing <i>(Invited Paper)</i></p> <p>- Nir Bar-Gill, The Hebrew University</p> <p>Polarization control in high efficiency transmission diffractive optics</p> <p>- Michael Golub, Tel Aviv University</p> <p>Fundamental Novel phenomena in high Confinement Nanophotonics <i>(Invited Paper)</i></p> <p>- Michal Lipson, Cornell University, USA</p>	<p>Organic photodiodes for life science, medical imaging, and industrial sensing <i>(Invited Paper)</i></p> <p>- Oliver Haydn, Siemens, Germany</p> <p>Electrostatically tunable micromechanical infrared filters in a closed loop control system</p> <p>- Sebastian Lehmann, InfraTec, Germany</p> <p>Music Dircm Systems <i>(Invited Paper)</i></p> <p>- Armona Brand, David Yoskovich, Ebit Systems-ElectroOptics-ELOP</p> <p>Effective CTE & CME measurements of Space Telescope Structures using Differential Displacement Interferometry</p> <p>- Arie Leizer, Ebit Systems-ElectroOptics-ELOP</p>	<p>Investigations of phase locked laser arrays using second harmonic generation</p> <p>- Vishva Pal, Chene Tradonsky, Ronen Chirki, Asher A. Friesem, Nir Davidson, Weizmann Institute of Science</p> <p>Nonlinear Optical Bio-inspired Peptide Nanostructures</p> <p>- Amir Handelman, Holon Institute of Technology; Gil Rosenman, Tel Aviv University</p> <p>Nonlinear solid-state filter based on photochromism induced by 2-photon absorption in a dye-doped sol-gel</p> <p>- Raz Gvishi, Galit Strum, Amir Tal, Shmuel Grinvald, Galit Bar, Soreq NRC; Peng Zhao, David Hagai, Eric Van Stryland, Honghua Hu, CREOL, The College of Optics and Photonics, University of Central Florida, USA; Mark Sigalov, Ben Gurion University; Vladimir Khodorovskiy, Laura Bekere, Vladimir Lokshin, Aix Marseille Université, CNRS, Marseille, France</p> <p>Real-Time and Distributed Strain Monitoring using Fast Brillouin Optical Time Domain Analyzer</p> <p>- Avi Motil, Ido Sovran, Orr Danon, Moshe Tur, Tel Aviv University</p> <p>Femtosecond radiation therapy by plasmonic photoionization</p> <p>- Limor Minai, Adiel Zeidan, Daniella Yeheskel-Hayon, Dvir Yelin, Technion-Israel Institute of Technology</p> <p>10-Fold Entropy Driven Frequency Up-Conversion</p> <p>- Dafna Granot, Assaf Manor, Nimrod Kruger, Carmel Rotschild, Technion-Israel Institute of Technology</p>	<p>High resolution compact spectrometer based on a resonance domain diffractive lens</p> <p>- Omri Bar Lev, Michael A. Golub, Tel Aviv University</p> <p>High resolution liquid crystal optically addressed spatial light modulator using nanodimensional chalcogenide films as photosensors and alignment layers</p> <p>- Miri Getbaor Kirzhner, Matvey Kiebanov, Ibrahim Abdulhalim, Ben-Gurion University; Neil Collings, Cambridge University, UK</p> <p>Diffractive mode group multiplexer for spatial division multiplexing in fiber optic communication</p> <p>- Shoam Shwartz, Michael A. Golub, Shlomo Ruschin, Tel Aviv University</p> <p>All-Optical Silicon-Photonic Modulation Format Conversion</p> <p>- Tomer Yeminy, Dan Sadot, Ben Gurion University; Zeev Zalevsky, Bar Ilan University</p> <p>A wideband nematic liquid crystal achromatic modulator</p> <p>- Marwan Abu Iail, Ibrahim Abdulhalim, Ben Gurion University</p> <p>Low Propagations Loss in GaN-based Ridge Waveguides</p> <p>- Ohad Westreich, Soreq NRC / The Hebrew University; Moti Katz, Yossi Pattiel, Noam Siron, The Hebrew University</p>

END OF DAY 2

18:30 Closing words and end of conference