

Morning Session 10:00-12:00

Opening remarks: Dan Vilenski

Photonics Consortia Panel, Led by Israeli Innovation Authority | Chairman: Dr. Aviv Zeevi, Dr. Stela Diamant

Prof. Dan Marom , Hebrew University

Dr. Shalva Ben Ezra , Opsy

Yoram karni , SCD

Elad Mentovitch , Nvidia

12:00-13:00 | Sponsored break: Rosh | Meir Rubin- Official israeli representative of Light conversion

Noon Session 13:00-15:00

Integrated Photonics | Chairman: Dr. Ami Yaacobi, Dr. Oded Raz- NL

Lasers & LIDAR | Chairman: Dr. Alex Ayalon

13:00-13:05	Opening remarks- Dr. Racheli Kreisberg- Innovation Attaché of the Holland Innovation Network, Ministry of Economic Affairs	13:05-13:25	Advanced Fiber Laser Design for Airborne LiDAR Applications. Dr. Doron Bar Nes -Spectra Physics Lasers.
13:05-13:25	Levitating photonics allows the highest resonance enhancement. Prof. Tal Carmon, Tel Aviv University.	13:25-13:45	Laser interception of malicious balloons and drones – the “Lahav-Or” system. Prof. Amiel A. Ishaaya, Ben-Gurion University.
13:25-13:45	From idea to volume production - photonics development and integration for critical applications in aerospace, medical, mobility and high tech. Dr. Anna Nikiel, Photon First	13:45-14:05	Compact laser sources for LiDAR: Diodes & Fiber lasers. Emilie Colin and and Dr. Hervé Moizan, LUMIBIRD.
13:45-14:05	Photonic integration in product development. Dr. Ivana Sersic Vollenbroek, DEMCON Advanced Mechatronics BV.	14:05-14:25	Compact, high brightness pulsed eye-safe converter. Dr. Zeev Schiffer, Elbit Systems – ISTAR.
14:05-14:25	Detuning-modulated composite pulses for high-fidelity robust quantum control. Prof. Haim Suchowski (TAU)	14:25-14:45	Massive parallelized FMCW integrated LIDAR. Vladimir Davydenko, Scantinel Photonics GmbH
14:25-14:45	Surface acoustic wave devices in silicon photonic circuits. Prof. Avi Zadok, Bar-Ilan University.		

Evening Session 15:30-17:30

Bio Photonics & Medical | Chairman: Prof. Dror Fixler

Defense & Security | Chairman: Dr. Benny Milgrom

15:35-15:55	Biomedical Photonics – Key to Better Personalized Health Care. Prof. Juergen Popp, Leibniz Institute of Photonic Technology	15:35-15:55	Characterizing E-O Systems Spectral Response with a Diffraction Grating Monochromator. Jonathan Ericson, Ilan Mendelevich, Yossi Bushlin, IARD Sensing Solutions Ltd.
15:55-16:15	The fluorescent protein/plasmon nanoparticle complexes as multimodal optical sensors. Prof. Valery Tuchin, Saratov State University; Russia	15:55-16:15	Smart Imaging. Dr. Yoram Karni, SCD
16:15-16:35	Synchrotron based X-ray analyses of medical implants for advanced material characterization. Dr. Bernhard Hesse / XPLORAYTION GmbH	16:15-16:35	Material systems for extended-SWIR photodetectors. Mrs. Inbar Shafir, Soreq NRC.
16:35-16:55	Widely tunable, narrow bandwidth, mJ level Tm:YAP laser ,for medical applications. Prof. Salman Noach , Jerusalem college of Technology.	16:35-16:55	EO systems stabilization capabilities and related applications. Dr. Nir Karasikov, Nanomotion.
16:55-17:15	Towards a real-time monitoring of organic matter in irrigation water using fluorescence spectroscopy and convolutional neural networks algorithms. Dr. Iftach Klapp, Volcani Institute.	16:55-17:15	Silicon Photonics AFM-NSOM Combined Sensor for Space, Military and Security Applications. Dr. Avi Karsenty, JCT.