

Monday March 10, 2025

08:00 - 09:00	Breakfast & registration				
09:00 - 10:55	Opening session - Plenary Hall				
09:00-09:20	Chairperson: Prof. Abraham Katzir , <i>Chairman of Oasis 2025</i>				
09:20-09:25	Opening 2: Guy Shasha , <i>Chairman of the The Association of Engineers, Architects and Graduates in Technological Sciences in Israel</i>				
09:25-09:35	Opening 3: Dr. Alon Stopel , <i>Chairman of the Innovation Authority and Chief Scientist for Innovation at the Ministry of Innovation, Science and Technology</i>				
09:35-10:20	Plenary lecture 1 : Artificial Intelligence and Cyber Security Prof. Isaac Ben-Israel , <i>Director, Cyber Research Center, Tel-Aviv University</i>				
10:20 - 11:05	Plenary lecture 2 : Silicon Photonics Prof. Avinoam Zadok , <i>Faculty of Electrical and Computer Engineering, Technion</i>				
11:05 - 11:30	Coffee break and Posters review				
11:30 - 13:00	Parallel Session 1				
	Hall A	Hall B	Hall C	Hall D	Hall E
	Optical Engineering Dr. Tali Hurvitz	Atomic and Quantum Optics Dr. Ofer Kfir	Lasers and Applications Dr. Shaul Pearl	Electro-Optics in Industry Dr. Alex Ayalon	Electro-Optics in Defense Dr. Dov Oster
	Invited - 30' Prof. Uriel Levy <i>Department of Applied Physics, Center for nanoscience and nanotechnology, The Hebrew University of Jerusalem</i> Metasurfaces: Capabilities and limitations	Invited - 30' Prof. Maria Chekhova <i>Max Planck Institute for the Science of Light, Erlangen, Germany</i> Quantum measurement through parametric amplification	Invited - 30' Dr. Liad Levi <i>Rafael Advanced Systems</i> High power DPAL (Diode Pumped Alkali Laser)	Invited - 20' Dr. Eyal Shekel <i>Civan Lasers</i> Dynamic beam laser for welding and metal additive manufacturing: Advancing fiber Laser technology through coherent beam combining and optical phased arrays	Invited - 30' BG (res.) Eytan Eshel , <i>IAI, EVP R&D, technology and innovation (CTO)</i> Innovation in a defense company
	Invited - 30' Prof. Natan Shaked <i>Department of Biomedical Engineering, Tel Aviv University</i> Holographic multiplexing for acquiring wavefronts of rapid dynamics for optical metrology applications	15' Mr. Stav Lotan <i>Technion - Israel Institute of Technology</i> Leveraging sparsity for efficient detection of entanglement in high	15' Dr. Yaakov Glick <i>Lasers Department, Applied Physics Division Soreq NRC</i> 40mJ energy, high power, pulsed all-fiber amplifier	Invited - 20' Dr. Yoram Karni <i>SCD</i> Advancements in miniaturization, weight reduction, and power optimization for infrared imaging systems by SCD	15' Dr. Mara Baraban <i>Rafael Advanced Defense System</i> Experimental approaches to optical atmospheric turbulence measurements
	15' Mr. David Halfon <i>The Hebrew University of Jerusalem</i> 3D-printed coupling aids for efficiently interfacing silicon chip to rectangular core fiber	15' Mr. Shaul Katznelson <i>Technion - Israel Institute of Technology</i> Superfluorescent scintillation from coupled Perovskite quantum dots	15' Mr. Nitzan Haviv <i>Department of Physics and Solid-State Institute, Technion</i> Noise suppression in gain-managed nonlinear amplifiers	Invited - 20' Dr. Rani Ditcovski <i>Triarii Research</i> Israeli free space quantum key distribution demonstration	15' Dr. Zeev Schiffer <i>Elbit Systems, iSTAR Division-Elop</i> Pros and cons for Super-Gaussian based CBC

13:00 - 14:00 14:00 - 14:15 14:15 - 15:45	15' Mr. Ariel Ashkenazy Bar-Ilan University All-optical, computation-free time-multiplexing super-resolved imaging based on speckle illumination	15' Dr. Shay Elmalem Department of Physics of Complex Systems, Weizmann Institute of Science Massively multiplexed wide-field photon correlation sensing	15' Prof. Salman Noach Jerusalem College of Technology Widely tunable, pulsed Tm:YAP laser, based on an Active / Passive Q switch with Yag etalons	Invited - 15' Mr. Andrés Cifuentes ASE OPTICS, Spain Compact high-resolution LWIR optical system for the Earth Observation in support of smart farming	15' Dr. David El-Chai Ben-Ezra Soreq NRC Tuning event camera biases heuristic for detection applications in staring scenarios
		15' Mr. Gilad Pollack Tel-Aviv University Correlation of purely spatial bell-state measurements in event-based single-photon camera	15' Dr. Zaharit Refaeli Soreq NRC Bandwidth control and frontal contrast for a high-joule mixed Nd:glass ultrafast laser for proton acceleration	Invited - 15' Dr. Aviv Ronen Beckemus Technologies Advancing photonic and optic chip packaging: challenges and technological solutions	15' Mr. Pierre Noubel OKTAL Synthetic Environment Overcoming data scarcity in defense AI : Can physics-based sensor simulation system be a reliable solution ?
	Lunch Break				
	Poster Review				
	Parallel Session 2				
	Hall A Spectroscopy and Optical Sensing Prof. Tal Ellenbogen	Hall B Electro-Optics Devices Prof. Ilya Goykhman	Hall C Start-Up Aviv Zeevi FVMat Materials, Optics Guy Ben-Dov Atlantis Photonics, semi conductors Eyal Terkieltaub Lee Tervizio LIDAR sensors Boaz Mell Diamsense ltd Quantum sensors, medical devices Dotan Duek Eikolos Optical communication Ofir Nichtern Sfez Technologies ltd Optical communication Bruno Sfez LiteBC Medical devices Or Peleg Laser-Team Laser Pini Ben-Elazar Spiral Photonics Imaging, photonics Eyal Hollander Quantum Source Quantum computers Nati Bar Grinman Sky-Walls LTD Smart construction Hilany Yelloz Quantum Pulse LTD Integrated photonics Ofir Shapiro	Hall D Nonlinear Optics Prof. Avinoam Zadok	Hall E Optics in Medicine and Biology Prof. Yuval Garini
	Invited - 30' Prof. Dr. Christoph Lienau University of Oldenburg, Institute of Physics, Germany Two-dimensional electronic spectroscopy of many-body correlations in quantum materials	Invited - 25' Prof. Shaya Fainman University of California, San Diego Foundry enabled chip-scale photonics technology and applications	Invited - 20' Prof. Guy Bartal Faculty of Electrical and Computer Engineering, Technion Nonlinear optics for real-time nanoscopy	Invited - 25' Prof. Dror Fixler Faculty of Engineering, Bar Ilan University Self-calibrated single-wavelength biosensor for extracting cardiac parameters	
	15' Mr. Tamir Shpiro Technion - Israel Institute of Technology 4D near-field electron tomography	Invited - 25' Dr. Boris Desiatov Bar Ilan Institute of Technology TBC	14' Mr. Yaakov Neustadter Soreq NRC Kerr frequency comb generation in Saddle-Shape microresonators	Invited - 25' Prof. Ori Katz Institute of Applied Physics, The Hebrew University of Jerusalem Noninvasive megapixel fluorescence microscopy through scattering layers by a virtual incoherent reflection matrix	
	15' Mr. Idan Kizel Tel Aviv University Stacking-dependent photoluminescence modulation in bilayer and trilayer 3R-MoS2 via asymmetric dielectric environments	Invited - 25' Dr. Grisha Spektor Octave Photonics Atomic-photonics interfaces via linear and nonlinear photonics for the real world	14' Dr. Gil Bashan Tel Aviv University Optically programmable quasi phase matching in four-wave mixing	Invited - 25' Dr. Raya Sorkin School of Chemistry, Tel Aviv University Optical tweezers provide insight into membrane remodeling	
	Invited - 30' Prof. Yehonadav Bekenstein Technion - Israel Institute of Technology Engineering fast emitters using halide perovskite nanocrystal heterostructures and superlattices	15' Mr. Eitan Kaminski Technion - Israel Institute of Technology Waveguide integrated MoS2-based photodetectors in the shortwave IR	14' Mr. Alon Krause Bar-Ilan University Highly-efficient and stable Second Harmonic Generation (SHG) from Para Red Organic Crystals	10' Mrs. Tamar Harary Andrew and Erna Viterbi Faculty of Electrical & Computer Engineering, Technion Large-field-of-view optical-resolution optoacoustic microscopy using silicon photonics acoustic detector	
			14' Ms. Naama Harcavi Ben Gurion University of the Negev Optical nonlinearity of transparent conducting oxides - more metallic than realized	10' Mr. Jonathan Jeffet School of Physics and Astronomy, Tel Aviv University Multi-color super-resolution imaging using spectral confocal spinning disk image scanning microscopy	
			14' Ms. Sutapa Ghosh University of Maryland, MD, USA Strong tunable nonlinearity in atomic vapor induced by an optical frequency comb		

15:45 - 16:15 16:15 - 17:45	Coffee break and Posters review				
	Parallel Session 3				
	Hall A	Hall B	Hall C	Hall D	Hall E
	Micro and Nano Optics Prof. Alina Karabchevsky	Quantum Computers Prof. Nadav Katz	Ultrafast Phenomena Dr. Marcus Gilad	Artificial Intelligence in Optics Prof. Yoav Shechtman	Lasers and Applications Dr. Shaul Pearl
	Invited - 30' Prof. Tal Carmon <i>Photonic Enhancement Laboratory, School of Electrical Engineering, Faculty of Engineering, Tel Aviv University</i> Introducing new phases of matter to microphotonics	Invited - 30' Prof. Barak Dayan <i>Weizmann Institute of Science and Quantum Source Labs</i> Atom-mediated large-scale photonic quantum computing	Invited - 25' Dr. Ofer Neufeld <i>Technion - Israel Institute of Technology</i> Ultrafast magnetism: novel control schemes and probes	Invited - 25' Prof. Ron Kimmel <i>The Technion Montreal Chair in Sciences</i> <i>Professor of Computer Science</i> <i>Professor of Electrical & Comp. Eng. (courtesy)</i> Learning geometry: Some recent bits	15' Mr. Shmuel Freudenstein <i>Civan Lasers</i> Enhanced free space optical communication (FSOC) by coherent beam combining with optical phased array lasers
	Invited - 30' Prof. Dan Marom <i>The Institute of Applied Physics, The Hebrew University of Jerusalem</i> 3D-nanoprinted photonic solutions	Invited - 30' Prof. Yaron Bromberg <i>Senior lecturer at the Racah Institute of Physics at the Hebrew University of Jerusalem</i> Boosting photonic quantum computation with multi-qubit encoding in single photons	12' Dr. Yariv Shamir <i>Soreq NRC</i> Widely wavelength-tunable amplified all-normal-dispersion laser aimed to excite Thorium-229 UV transition?	Invited - 25' Prof. Natan Shaked <i>Department of Biomedical Engineering, Tel Aviv University</i> Deep2Deep: Label-free interferometric imaging for automatic classification and virtual staining of biological cells	15' Dr. Omri Wolf <i>LightSolver LTD</i> LightSolver's all-optical laser-based analog computer
	Invited - 20' Dr. Itai Epstein <i>Tel Aviv University</i> Nanometer-scale phononic resonators for far-infrared radiation	15' Mr. Roey Shafran <i>Technion - Israel Institute of Technology</i> Tomography of hyperentangled single photon states with a single measurement setup	12' Ms. Gili Scharf <i>Tel Aviv University</i> Coherent control of phonon anharmonicity	10' Mr. Oded Rotem <i>Ben Gurion University</i> Brightfield to fluorescence microscopy transfer via diffusion models	15' Dr. Yaniv Vidne <i>Civan Lasers</i> Development of a 130kW high-power fiber laser system with enhanced reliability and compactness based on CBC technology
	10' Mr. Matan Slook <i>Technion - Israel Institute of Technology</i> Highly reconfigurable silicon-photonics filter stage		12' Mr. Omri Meron <i>Tel Aviv University</i> Shaping exciton polarization dynamics in 2D semiconductors by tailored ultrafast pulses	10' Mr. Dafei Xiao <i>Technion - Israel Institute of Technology</i> A one-click software for PSF-engineering-based 3D localization microscopy	15' Dr. Aviran Halstuch <i>School of Electrical and Computer Engineering, Ben-Gurion University of the Negev</i> Femtosecond inscription of fiber Bragg gratings and Fabry-Perot interferometers structures for various applications
	10' Dr. Jacob Engelberg <i>The Hebrew University of Jerusalem</i> Nature inspired design methodology for a wide field of view achromatic metalens		12' Mr. Tomer Bucher <i>Technion-Israel Institute of Technology</i> Ultrafast dynamics of correlated optical singularities	10' Ms. Dana Aharoni <i>Department of Biomedical Engineering, Tel Aviv University</i> AI-aided rapid cell classification using label-free interferometric imaging flow cytometry	15' Mr. Aaron Liberman <i>Weizmann Institute of Science</i> Algorithmically measuring the spectrally resolved wavefront of an ultrashort laser
	10' Mr. Yehuda Baum <i>Tel Aviv University</i> Ultra-broadband wide-angle anti-reflection scheme utilizing multi-layer resonant metasurfaces		12' Mr. Yoav Aharon <i>The Hebrew University of Jerusalem</i> Mechanism of resonant enhancement in HHG	10' Dr. Amir Handelman <i>Holon Institute of Technology</i> Flexible polymeric all-optical logic gates	15' Mr. Ya'akov Mandelbaum <i>Jerusalem College of Technology (JCT) - Lev Academic Center</i> Advanced optical analysis of focal-point divergence between surgical neodymium-doped yttrium aluminum Garnet (Nd:YAG) and aiming beam lasers

Tuesday March 11, 2025

08:00 - 09:00	Coffee and registration				
09:00 - 10:00	Opening session - Plenary Hall				
09:00 - 09:05	Chairperson: Professor Abraham Katzir , <i>Chairman of Oasis 2025</i>				
09:05-09:10	Start-up session: Winner announcement ceremony				
09:10- 09:50	Plenary lecture 1 : Electro-Optics in Defense Brig. Gen. (Res.) Dr. Daniel Gold , <i>Head of the Israeli Directorate of Defense Research & Development, at the Israeli Ministry of Defense</i>				
09:50 - 10:30	Plenary lecture 2 : High Power Laser Defence Mr. Oded Ben David , <i>CTO Elbit Systems ISTAR & EW ELOP</i>				
10:30 - 10:50	Coffee break and Posters review				
10:50 - 12:20	Parallel Session 4				
	Hall A	Hall B	Hall C	Hall D	Hall E
	Atomic and Quantum Optics Dr. Ofer Kfir	Electro-Optics Devices Prof. Ilya Goykhnman	Optical Engineering Dr. Tali Hurvitz	Nonlinear Optics Prof. Avinoam Zadok	Artificial Intelligence in Optics Prof. Yoav Shechtman
	Invited - 30' Dr. Ran Finkelstein <i>School of Physics and Astronomy, and Tel Aviv Quantum Center, Tel Aviv University</i> Atomic arrays as programmable quantum sensors and processors	Invited - 25' Prof. Pavel Ginzburg <i>Tel Aviv University</i> Optics behind drug screening and delivery	Invited - 30' Dr. Shany Danieli <i>School of Physics and Astronomy, Tel Aviv University</i> Revealing the hidden universe with telephoto lenses	Invited - 25' Prof. Polina Bayvel <i>Professor of Optical Communications & Networks. Dept of Electronic & Electrical Eng. Faculty of Engineering Sciences, UCL, London, England</i> How wide can you go – the challenges in designing ultrawideband optical fibre communications Systems & networks	Invited - 25' Prof. Adrian Stern <i>Ben Gurion University</i> How does deep learning help optics and what optics can do for deep learning?
	15' Mr. Amir Sivan <i>Technion - Israel Institute of Technology</i> Superradiating photon entanglement source with multilevel atoms	Invited - 25' Dr. Richard Pitwon <i>Seagate Research / Resolute Photonics</i> Heat assisted magnetic recording - The path the ultra-high volume co-packaged optical integration	15' Mr. Omer Luria <i>Technion - Israel Institute of Technology</i> In-situ optical surface reconstruction of liquid mirrors in microgravity experiments	15' Mr. Daniil Ansimov <i>The laboratory of Nanoscale Electro Optics, Tel Aviv University</i> Enhanced second harmonic generation from a nonlinear plasmonic metasurface coupled to an optical waveguide in a LiNbO thin film	Invited - 25' Dr. Erez Yosef <i>Electrical Engineering, Tel Aviv University</i> DifuZCam: Replacing camera lens with a mask and a diffusion model
	15' Mr. Ariel Ashkenazy <i>Bar-Ilan University</i> Single-photon Raman interaction for realizing the photon-number splitting attack	Invited - 25' Dr. Roy Zekzter <i>The Hebrew University of Jerusalem</i> Electro-optic platforms for precision light-atom interactions	15' Mr. Mor Elgarisi <i>Technion - Israel Institute of Technology</i> Fluidic approach to corrective eyewear manufacturing	15' Mr. Yonatan Plotnik Momentum band gap engineering using noncolinear moving photonic time crystals	15' Prof. Alon Bahabad <i>Tel-Aviv University</i> Optical inference using nonlinear optical diffraction
	15' Mr. Ron Ziv <i>Technion – Israel Institute of Technology</i> Experimental phase retrieval of atomic matter waves	15' Mrs. Vered Riven <i>The Institute of Applied Physics, The Hebrew University of Jerusalem</i> Line-by-line spectral amplitude/phase modulation of an optical frequency comb	15' Mr. Alon Geller <i>Light Engineering</i> Designing zoom lenses from scratch: using the varifocal differential equation	15' Dr. Miri Blau <i>Columbia University, NY, USA</i> Higher dimensional quantum photonics in the frequency domain	10' Mr. Matan Kleiner <i>Technion - Israel Institute of Technology</i> Coherence awareness in diffractive neural networks
	15' Dr. Georgi Gary Rozenman <i>MIT Department of Physics. Group of Wolfgang Ketterle at MIT, MA, USA</i> Prospects of free-space quantum key distribution using spatial modes of light: Scaling-up the dimensionality and the distance		15' Mr. Arie Amitzi <i>QCC Hazorea Calibration Technologies</i> Using fluorescence for laser beam alignment and measurements	15' Mr. Yuval Rechtes <i>Tel Aviv University</i> Efficient robust spontaneous parametric down-conversion via detuning modulated composite segments designs	10' Mr. Nimrod Shabtay <i>Tel-Aviv University</i> Deep phase coded image prior
				15' Mr. Barak Messika <i>Department of Electrical and Computer Engineering and Solid-State Institute, Technion – Israel Institute of Technology</i> Kerr beam self-cleaning of multi-millijoule pulses in large mode-area graded index fiber	10' Mr. Roy Maman <i>The Hebrew University of Jerusalem</i> Achromatic imaging systems with flat lenses enabled by deep learning
12:20 - 13:20	Lunch Break				

13:20 - 13:50					
Poster Review of Topics: Micro and Nano-Optics & Artificial Intelligence in Optics					
13:50 - 15:20					
Parallel Session 5					
Hall A	Hall B	Hall C	Hall D	Hall E	
Ultrafast Phenomena Dr. Marcus Gilad	Optics in Defense Dr. Dov Oster	Spectroscopy and Optical Sensing Prof. Tal Ellenbogen	Electro-Optics in Industry Dr. Alex Ayalon	Micro and Nano Optics Prof. Alina Karabchevsky	
Invited - 25' Prof. Michael Krueger <i>Ultrafast Quantum Dynamics Group, Physics Department, Technion</i> Attosecond physics in solids goes quantum	Invited - 30' Dr. Daniel Golubchik <i>Rafael Advanced Defense Systems</i> Adaptive optics for deep turbulence applications	15' Dr. Heinrich Ruser <i>Institute for Applied Physics and Measurement Technology, University of the Bundeswehr Munich, Germany</i> New single-particle TOF mass spectrometer coupled with deep learning for on-site classification of aerosol particles	Invited - 20' Dr. Hadar Greener <i>Applied Materials</i> Tailoring light-matter interactions for optical wafer inspection	Invited - 20' Prof. Stanislav Derevyanko <i>Associate professor, School of Electrical and Computer Engineering, Ben Gurion University of the Negev, Beersheva, Israel</i> Mode locking and rogue waves in Q-switched solid-state laser	
12' Ms. Or Refaely <i>Bar Ilan University</i> Temporal chirpless microscope	15' Dr. Dov Steiner <i>IARD Sensing Solution</i> New modeling features in TRM4 version 4	15' Mr. Omri Haim <i>The Hebrew University of Jerusalem</i> Image-guided computational holographic wavefront shaping	Invited - 20' Dr. Igor Turovets <i>Nova Ltd.</i> Optical methods for advanced packaging process control	20' Ms. Maya Shor Peled <i>Ben Gurion University of the Negev</i> Super-resolution imaging using photonic nanojet through tapered optical fiber	
12' Ms. Michal Elkind <i>Tel Aviv University</i> Intense laser interaction with micro-bars	15' Dr. Eyal Agassi <i>Independent Consultant</i> Estimating probabilities of cloud-free lines-of-sight through the atmosphere – Lund and Shanklin method revisited	15' Ms. Anabel Atash <i>Tel Aviv University</i> On the optical modeling of excitons in 2D semiconductors	Invited - 20' Dr. Shay Joseph <i>Rafael</i> Methods for protection of electro-optical seeker heads against electro-magnetic radio frequency interference	15' Dr. Daniel Beitner <i>Tel Aviv University</i> Observation of localized resonant phonon polaritons in biaxial α -MoO ₃ nanoparticles	
12' Ms. Shiri Gvishi <i>Tel Aviv University</i> Quantum paths interference signatures in trARPES	15' Dr. Ofer Yaron <i>Rafael Advanced Defense Systems</i> IR imaging quality prediction	15' Mrs. Shahaf Noimark <i>Bar Ilan University</i> Non-destructive opto-mechanical analysis of fiber coating layers	Invited - 15' Dr. Aviran Halstuch <i>Ben-Gurion University of the Negev</i> Femtosecond laser welding of BK7 glass to aluminium alloys for industrial applications	15' Mr. Oded Schiller <i>Technion – Israel Institute of Technology</i> Negative index makes a perfect time lens	
12' Mr. Michael Tulchinsky <i>The Hebrew University of Jerusalem</i> Saturation model for photonic time crystals		15' Mr. Ya'akov Mandelbaum <i>Jerusalem College of Technology (JCT) - Lev Academic Center & BINAH (Bar Ilan University)</i> Tips vs. holes: x10 higher scattering in FIB-made plasmonic nanoscale arrays for spectral imaging	15' Mr. Efi Rotem <i>MKS Instruments</i> Design of reference optical receiver with 50GHz bandwidth for use in high speed fiber optic systems	10' Mr. Amit Kam <i>Technion – Israel Institute of Technology</i> Total Angular momentum as a pathway to entangle surface-plasmon polaritons	
12' Mr. Aaron Liberman <i>Weizmann Institute of Science</i> Laser wakefield acceleration with an axiparabola and spatiotemporal couplings		15' Mr. Elad Zehavi <i>Bar-Ilan University</i> Generation of non-classical light in an all-fiber SU _{1,1} interferometer			
15:20 - 15:50					
Coffee break and Posters review of topics: Ultrafast Phenomena & Atomic and Quantum Optics					

15:50 - 17:20

Parallel Session 6

Hall A	Hall B			
Optics in Medicine and Biology Prof. Yuval Garini	Quantum Computers Prof. Nadav Katz			
Invited - 25' Prof. Dvir Yelin <i>Faculty of Biomedical Engineering, Technion</i> Imaging tympanic membrane vibrations	Invited - 30' Prof. Netanel Linder <i>Associate Professor, Department of Physics, Technion</i> TBC			
Invited - 25' Prof. Adrian Stern <i>School of Electrical and Computer Engineering, Ben Gurion University</i> Compressive sensing methods for rapid hyperspectral microscopy	TBA			
10' Prof. Salman Noach <i>Jerusalem College of Technology</i> Novel Ablative Tm :YAP pulsed laser for dermatology applications	15' Mr. Chen Scheim <i>The Hebrew University of Jerusalem</i> Quantum error correction with adiabatic quantum computation			
10' Mrs. Eden Dotan <i>Department of Biomedical Engineering, Tel Aviv University</i> Label-free imaging flow cytometry using a motion sensitive camera for rare cell detection	15' Dr. Adi Pick <i>The Hebrew University of Jerusalem</i> Hybrid quantum annealing algorithms for combinatorial optimization with Rydberg qubits			
10' Dr. David Sinefeld <i>Jerusalem College of Technology</i> Planar objective design for multiphoton mouse brain imaging				
10' Mr. Ron Moisseev <i>Technion – Israel Institute of Technology</i> All-Optical approach to ultrasound transmission matrix measurement				