

Wednesday | March 11, 2026

		90 minute session	Scattering and Propagation		90 minute session		90 minute session		90 minute session		90 minute session		
09:00-09:30		We1.1.1	Invited Evgeni Frumker Ben-Gurion University	We1.2.1	Invited: Lightweight, flexible phased arrays Matan Gal-Katzir Ben-Gurion University	We1.3.1	Invited: 2D Materials for Integrated Circuits and Neuromorphic Computing Prof. Saparshi Das Pennsylvania State University	We1.4.1	Target Tracking Using Range and Range-Rate Measurements with Axes Coupling Constraint	We1.5.1	Invited Prof. Yuval Shavit Tel Aviv University	We1.6.1	Data augmentation for spoofing-robust automatic speaker verification
		We1.1.2		We1.2.2		We1.3.2		We1.4.2	142 Liel Peled-Eitan and Ilan Rusnak	We1.5.2		We1.6.2	150 Shani Budilovsky, Yehuda Ben-Shimol and Itzhak Lapidot
								We1.4.3	205 Maya Weisman Barnes, Sharon Gannot and Bracha Laufer Goldstein	We1.5.3		We1.6.3	179 Rishona Daniels, Ronny Ronen, and Shahar Kusumsky
09:30-09:45		We1.1.3	Invited Hanan Sheintux-Herzig Bar-Ilan University	We1.2.3	Pulsed Curved Beam Design	We1.3.3	Sub-Nanosecond Polarization Dynamics and Switching Kinetics in H2O FeCAPs	We1.4.3	Unrelated Expectation-Maximization Neural Network for Speaker Localization	We1.5.3	Analysis of Power Side-Channel Vulnerabilities in Memristor-Based Neuromorphic Systems	We1.6.3	Tutorials: The return of engineering in Computer Vision Prof. Yair Weiss Hebrew University
09:45-10:00		We1.1.4		110	Timor Melamed	333	Mor Mordechai Dahan, Uwe Schroeder and Eilam Yaloz	We1.4.4	Deep Unfolding with Approximated Computations and Channel Analysis	We1.5.4	Measuring the Impact of Algorithmic Noise on Side- Channel Analysis	We1.6.4	
				We1.2.4	Voltage along a quasi TEM transmission line hit by a plane wave	We1.3.4	High Endurance Analog Synapses Enabled by 2D MoS2 Electrochemical Transistors	We1.4.4	217 Dvir Avrahami, Amiri Mistein, Caroline Chaux, Tirza Routenberg and Nir Shlezinger	We1.5.4	347 Matan Elkoni, Yehuda Rudin, Yoav Weizman, Osnat Keren and Alexander Fish	We1.6.5	
10:00-10:15		We1.1.5	Practical Implementation of m-Plane GaN Terahertz Quantum Cascade Lasers with Reduced Current Density for Room Temperature Applications	We1.2.5	Deep Learning Architectures for Radio Wave Propagation Modeling: A Concise Overview	We1.3.5	Unraveling Phase Change Memory Programming Energy Limits	We1.4.5	Adapting AI DoA Estimators via Downstream Tracking	We1.5.5	Too Easy Fault Injection Attacks on Learning with Rounding (LWR)	We1.6.5	
10:15-10:30		We1.1.6	Blue-Modulated Optoelectronic Chromatic Dispersion in Photodiodes: a New Type of Spectral- Information Pixel	We1.2.6	Microwave Relativistic Motors	We1.3.6	The Critical Point Model as a Tool for Optimizing Organic Thin Film Transistors' Active Layer Morphology and Performance	We1.4.6	Conformal Prediction Aided Kalman Filters with Confidence Intervals	We1.5.6	Information Extraction with Physical Attacks and Safeguarding Information Reconciliation Protocols	We1.6.6	
					141	Asher Yahalom	157	Tal Elbaz, P. R. Chithira, and Rafi Shikler	324	Olga Weisman, Nir Shlezinger and Bracha Laufer- Goldstein	290	Roel Groner and Itamar Levi	
10:30-11:00													
Plenary Session A													
11:00-11:15		We1.1.1	Invited Nvidia Israel-1 AI Factory Journey	We1.2.1		We1.3.1	Invited TBD	We1.4.1	Invited Prof. Rose Diamant University of Haifa	We1.5.1	Women in Engineering Panel Organized by Prof. Hagit Messer-Yaron	We1.6.1	Learning to Refine LFRs: Neural Augmentation for MIMO-OFDM Receivers
11:15-11:30			Mr. Dror Goldenberg									336	Ory Eger and Nir Shlezinger
11:30-11:45			Senior Vice President of Network Software Architecture at NVIDIA									We1.6.2	Universal Agnostic Learning over Smooth Parametric Models
11:45-12:00		We1.2.1	Future technologies growth engines					We1.4.2		We1.5.2		We1.6.3	Adaptive Deadline and Batch Layered Synchronized Federated Learning
12:00-12:15			Dr. Alon Stoppel									186	Shlomi Vituri and Meir Feder
12:15-12:30		We1.2.6	Space-Based Intelligence									238	Asaf Goren, Natalie Lang, Nir Shlezinger, Alejandro Cohen
12:30-12:45			Dr. Shmuel Maman									We1.6.4	Enhancing sample efficiency in multi-agent it with uncertainty quantification and selective exploration
12:45-13:00			Senior Scientist & Director Earth and Planetary Image Facility (EPF)									128	Tom Danino and Nahum Shimkin
13:00-14:00	Lunch Break												
14:00-14:15		We1.3.1	Invited Lior Michaeli Tel-Aviv University	We1.2.1	A Deep sub-micron 2.4GHz Watt Level Digital Power Amplifier based on Quad-Stacking Topology	We1.3.1	Invited TBD	We1.4.1	Invited Prof. Rose Diamant University of Haifa	We1.5.1	Women in Engineering Panel Organized by Prof. Hagit Messer-Yaron	We1.6.1	Learning to Refine LFRs: Neural Augmentation for MIMO-OFDM Receivers
				197	Naor R. Shay, David Ben-Haim, Eldad Solomon, Yishai Eliat, Eran Socher and Ofir Degani							336	Ory Eger and Nir Shlezinger
14:15-14:30		We1.3.2		We1.2.2	Ultra-Low Insertion Loss Stepped Impedance Resonator Topology for HTSC RF Front-End	We1.3.2		We1.4.2		We1.5.2		We1.6.2	Universal Agnostic Learning over Smooth Parametric Models
				227	Itan Kurtser, Yoav Koral, Eldad Hologreber, Shmuel E. Schacham and Elyahu Farber							186	Shlomi Vituri and Meir Feder
14:30-14:45		We1.3.3	SOI-Compatible Photonic Structures Exhibiting a Degenerate Band Edge	We1.2.3	A Unified Quality Factor Formula for Component Modeling Across Self-Resonance	We1.3.3	Mechanical Intelligence in Multistable Soft Structures Under Single-Input Actuation	We1.4.3	Acoustic Feedback Cancellation with DNN-based Step-Size Control	We1.5.3		We1.6.3	Adaptive Deadline and Batch Layered Synchronized Federated Learning
		224	Kessem Zamir-Abramovich and Jacob Scheuer	283	Itzhak Shapir and Tomer Paley	165	Eran Ben-Haim, Yarnit Geon, Yuhar Or, Amir D. Gat and Sefi Givli	312	Liron Poliak, Simona Lisser, Henning Schepker and Elor Hadad			238	Asaf Goren, Natalie Lang, Nir Shlezinger, Alejandro Cohen
14:45-15:00		We1.3.4	Broadband SIN Photonic 50:50 Power Splitters: Optimization and Performance Analysis of InverseDesigned MMI and Directional Couplers	We1.2.4	Analysis of Gain based high power N-path filter with linearity enhancement circuit	We1.3.4	Investigating generalized models of the Twistcrack's dynamics	We1.4.4	K-Divergence-Based Training of Deep Normalizing Flow Networks	We1.5.4		We1.6.4	Enhancing sample efficiency in multi-agent it with uncertainty quantification and selective exploration
		320	Alekssei Kukin and Dan M. Marom	355	Netanel Deste and Emanuel Cohen	163	Rom Levy, Anna Zigelman and Yuhar Or	321	D. Bilik and K. Todoros			128	Tom Danino and Nahum Shimkin
15:00-15:15		We1.3.5	Noise Suppression in Gain-Managed Nonlinear Amplifiers	We1.2.5	An 8 bit RF-DAC for 5G in 28nm CMOS with 17dbm and 30% peak drain efficiency	We1.3.5	Asynchronous swarm-intelligence navigation for GPS-denied IMU-only drone swarms	We1.4.5	tangential velocity estimation using automotive radar	We1.5.5		We1.6.5	Invited Prof. Ofir Lindbaum Bar-Ilan University
		158	Nitzan Haviv, Maksim Kozlov, Michael Krüger and Pavel Sidorenko	357	Tomer Ben Oz, Eran Socher, Emanuel Cohen	279	Guy Moshe Atlas and Igal Bilik	352	M. Shitrit, I. Tabrikian and I. Bilik				
15:15-15:30		We1.3.6	All-Optical Logic Gates and Programmable Signal Control in Polymer Photonic Meshes	We1.2.6		We1.3.6	Future Mobility & EMC Challenges: Bridging eVTL and Automotive	We1.4.6	Time-based Amplitude Sampling	We1.5.6		We1.6.6	
		114	Amir Handelman, Coral Raz and Alexandra Inberg				Zou Kody	221	Hila Naaman and Yonina C. Eldar				
15:30-16:00													
Quantum Optics													
16:00-16:15		We1.4.1	Invited Meri Blau Bar-Ilan University	We1.2.1	Biologically-Inspired Butterfly-Shaped Microstrip Patch Antenna for Dual-Band Operation	We1.3.1	precision high signal rate setup for cryogenic SoC measurements	We1.4.1	Invited Talk: Fast blood analysis and "swallow your doctor" Prof. Asja Bollen Technical University of Denmark (DTU)	We1.5.1	Invited talk Prof. Em. Shmuel (Sam) Ben-Yaakov Ben-Gurion University	We1.6.1	Find the Leak, Fix the Split: Cluster-Based Method to Prevent Leakage in Video-Derived Datasets
16:15-16:30		We1.4.2		151	V. Vultin, I. Madar, N. Verhovskii, D. Kanyas and R. Ianculescu	350	Noam Roknian, Yoav Weizmann and Alexander Fish	We1.4.2		We1.5.2		149	Noam Glazner, Noam Tsfary, Sharon Shalev and Avishai Weizman
				We1.2.2	Learning-Based Null-Steering Beamforming for Wideband 5G Planar Phased Arrays	We1.3.2	WP-MLX: An Energy-Efficient Clockless Wave- Propagated ML-Accelerator					We1.6.2	Value Locality in Specialized Vision Transformers
				168	Matan Ben-Binyamin, Leonid Kaplan, Roi Yozovitch and Eldad Hologreber	300	Yehuda Kira and Adam Teman					191	Daniel Stoppel and Freddy Gabbay
16:30-16:45		We1.4.3	Invited: Robust Ground-State Control of High- Frequency Bulk Acoustic Phonons Heitai Hagai Diamandi Hebrew University	We1.2.3	Genetic Algorithm method for 5g null steering	We1.3.3	Ferroelectric FET-Based Time-Domain In-Memory Computing Macro with Tunable Delay Calibration in 28 nm CMOS	We1.4.3	From Concept to Commercialization: Optical Modulation Bioinspiring	We1.5.3	Universal rectifier topology	We1.6.3	Deep Learning for Real-Time Detection of Vulnerable Pedestrians
				169	Tomer Shor, Eldad Hologreber and Roi Yozovitch	284	Jeries Mattar, Mor M. Dahan, Stefan Dunkel, Halid Mulaosmanovic, Gunda Beernink, Sven Beyer, Eilam Yaloz, and Nicolas Wainstein	201	Shmuel Burg, Michael Margulis and Amos Danielli	112	Yarden Sharif, Yishai Ketterman, Shlomo Gadelovitch, Lucien El Baze and Ilan Aharon	180	Avigail Haliva, Rina Azoulay, Esther David, Matus Sucha and Wafa Elias
16:45-17:00		We1.4.4		We1.2.4	Development of a Lightweight Large-Aperture Off- Axis Metasurface Antenna for Terahertz Communication System	We1.3.4	Investigating Noise Immunity in Tsetlin Machine: Implementation and Analysis	We1.4.4	EMD-Enhanced EEG for Prehospital LVO Stroke Detection	We1.5.4	Fast Power-Flow Approximation for Distribution Systems Using a Hierarchical Tree of Uniform MLP Regressors	We1.6.4	Cross-layer retention management in gain-cell edram for energy-efficient ai accelerators
				229	Uran Akiva, Daniel Rozban and Amir Abramovich	254	Mor Shy, Yehuda Rudin, Eitan Weiss, Roi Lazar, Michal Yemini and Alexander Fish	181	Alexander Yorov, Mark Parsons, Dennis Cordato, Jasmeen Khan, Ahmad Shafiq Sufthan Wee, Helen Budge, Elvii Sprecher, Khy Y. and Daniel H. Lange	291	Arbel Yaniv and Yuval Beck	210	Ofek Sharabi and Adam Teman
17:00-17:15		We1.4.5	Flexible on-chip optical atomic clock architecture	We1.2.5	Hybrid Chiral-Omega Response: Symmetry Breaking in Bianisotropic Knot-Particles	We1.3.5	Laser Modulation State Recovery via Side-Channel Analysis	We1.4.5	A Gait-Synchronized Wearable System for Lumbo- Pelvic Correction in Chronic Low Back Pain	We1.5.5	A Robust Numerical Approach for Estimating the Six-Parameter Thevenin-Based Equivalent Circuit of AC Motors	We1.6.5	Digital Predistortion Using Phase-Gated Recurrent Neural Networks and Direct Backpropagation Learning
		329	Andrei Diaconov, Konstantin Khizman and Uron Stern	220	Nadav Goshen and Yarden Mazar	124	Or Nahum and Itamar Levi	226	Ami Eyal, Omri Lubovsky, Alex Frid, Ram Haddas and Aharon Raz	313	Moshe Averbukh	354	Tal Kahal, Yair Neria Cohen, Erez Loebli and Emanuel Cohen
17:15-17:30		We1.6.1	Spatio-temporal plasmonic weak-measurement	We1.2.6	Design and Development of a Reconfigurable Metasurface Antenna Using Steer-by-Image Technology for Ka-Band Communication	We1.3.6	Transient kickback effect of multi-reference pair comparators on high speed ADCs and receivers	We1.4.6	Hybrid AI-physics modeling for quantitative renal disease analysis from dynamic x-ray imaging	We1.5.6	Power loss estimation in transformers under harmonic load conditions	We1.6.6	YOLO Meets Mixture-of-Experts: Adaptive Expert Routing for Robust Object Detection
				251	Ido Gal, Tzachi Hershko, Oleg Torgovitsky, Daniel Rozban, Gil Kedat and Amir Abramovich	282	Ofir Glick, Nicolas Wainstein and Ariel Cohen	174	Uriel Shitrit, Mordechai Duduvani and Talia Yeshua	348	Neda Miteva and Kfir Jack Dagan	129	Or Meiraz, Sharon Shalev and Avishai Weizman
17:30-17:45		We1.4.7	Invited Rey Zeikzer Bar-Ilan University	We1.2.7	Versatile Semianalytical Scheme for Multilayer PCB Transmissive Metasenses on Demand	We1.3.7	Bounding Multi-Source-Multi-Output Generalized TRNG Circuits Entropy	We1.4.7	Finger joint angle and gesture estimation in dynamic hand postures using a soft printed electrode array	We1.5.7	Simple identification of active AC-side component values in resonant inverters driving series RLC loads in high-current applications	We1.6.7	Invited Lightnicks
				293	Sherman W. Marcus, Ravi Yadav, Vinay K. Kilamsetty and Ariel Epstein	189	Rachel Podolak and Itamar Levi	305	Nitzan Luxembourg, Hava Siegelmann and Yael Harnin	309	Natan Schecter and Alon Kuperman		
17:45-18:00		We1.6.8		We1.2.8	Metamamba: Hybrid semianalytical and generative inverse design of huggens' metasurfaces	We1.3.8		We1.4.8	Cross-Scale Networks for Electrical Stimulation Driven Brain Recovery	We1.5.8		We1.6.8	
				262	Natananel Nissan, Sherman W. Marcus, Dan Raviv, Raja Givry and Ariel Epstein			273	Dafna Rosenberg, Dafna Rivka Levenberg, Zehavit Shapiro, Ori Shit and Yaara Erez				
18:00-19:30													
Poster Session + Cheese & Wine													
Coauthors' Dinner													

Thursday | March 12, 2026

90 minute session			90 minute session			90 minute session			90 minute session			90 minute session		
09:00-09:15	Th1.1.1	Tutorial Harald Giesen University of Stuttgart	Th1.2.1	Invited Prof. Haim Permuter Ben-Gurion University		Th1.3.1	Invited Prof. Lilach Hadany Tel-Aviv University	198	Experimental Quantum Cryptography with Inverse-Designed Entangled Qudits Joshua Foley-Corner, Ofir Yesharim, Sarika Mishra, Shashi Prabhakar, Aviv Kameili, Eyal Rozenberg, Ravindra P Shingar and Ady Arie	Th1.5.1	Invited Prof. Riccardo Mandrioli University of Bologna			
09:15-09:30	Th1.1.2		Th1.2.2			Th1.3.2			Th1.4.2	probeless vs probe-based variable-strength eavesdropping in quantum key distribution	Th1.5.2			
									203	Yuval Idan, Tal Gofman, Ziv Abelson, Isabelle Cestier, Elad Mentovich and Elishah Cohen				
09:30-09:45	Th1.1.3		Th1.2.3	Toward Wi-Fi 8 Ultra-High Reliability: Null Steering Using Data-Embedded Pilots		Th1.3.3	Pareto Optimization for Multichannel Speech Enhancement		Th1.4.3	Tutorial Dr. Tomer Simon Chief Scientist Microsoft-Israel	Th1.5.3	Dynamic analysis for parameter selection in local power systems for ai data centers		
			122	Shimi Shilo, Rani Keren, Nadav Basson, Shachar Shayovitz, Doron Ezri, Ezer Melzer and Yoav Levinbook		307	Elior Hadad, Simon Doclo and Sharon Gannot				117	Elinor Ginzburg-Ganz and Yoash Levron		
09:45-10:00	Th1.1.4		Th1.2.4	Advances in Hard Successive Interference Cancellation for 5G-NR		Th1.3.4	Meaningful Color Presentation for Infrared Imaging		Th1.4.4		Th1.5.4	Closed-loop dynamics in multi-resonant current controllers		
			162	Itay Yakuti, Avner Elgam, Yossi Peretz, and Yosef Pinhasi		307	D. E. Bar, A. Giladi, A. Epstein, M. Weinstein, E. Shunem, Y. Shamay and T. Markovitz				325	Moria Sassonker Elkayam and Moshe Sitbon		
10:00-10:15	Th1.1.5	Highly efficient design scheme for specialty optical fibers	Th1.2.5	CSI and AOD error effect on IRS performance		Th1.3.5	Calibration-Free Global Offset Compensation for Array-Based Detectors		Th1.4.5		Th1.5.5	Reduced Device Count DC/AC Converter with Output Switching Ripple Elimination		
	225	Srayya Rao and Yonatan Sivan	228	Eitan Ovrutski and Ofer Amrani		199	Yoram Kami				349	Riccardo Mandrioli and Alon Kuperman		
10:15-10:30	Th1.1.6	Plasmonic Vortex Generation by Hybrid Poincare Beams Using Nematic Liquid Crystals	Th1.2.6	Shoot and Bouncing Propagation Model In Complex Tunnels		Th1.3.6	Identification of Guitar Types Using Ultrasonic Frequency		Th1.4.6		Th1.5.6	Dual-Pi Voltage Control for Attaining Arbitrary Output Voltage Ratio in Synchronous Single-Inductor Dual-Output Buck Converters		
	173	Sahil Sahoo, Ahmed Lafeef EN, Andrey Yaroshevsky and Yuri Gorodetski	247	Ravid Borichovtce, Gad A. Pinhasi, Ori Glikstein, and Yosef Pinhasi		332	Izhak Kapash and Ram Zamir				188	Andrey Vulfovich, Yegal Darhovsky and Alon Kuperman		
10:30-11:00														
Coffee Break														
Plenary Session B														
11:00-11:15	Th2.1.1	AI-Powered Data Centers: Building a Sustainable Future by Scaling the Package												
11:15-11:30		Dr. Anuradha Agarwal												
11:30-11:45		Principal Research Scientist, MIT Microphotonics Center and Materials Research Laboratory												
11:45-12:00	Th2.1.4	ICSEE2026 Awards and Recognitions												
12:00-12:15														
12:15-12:30	Th2.1.6	Devices for generation and detection of light at the single photon level												
12:30-12:45		Prof. Val Zwiller												
12:45-13:00		KTH Royal Institute of Technology, Division of Quantum and Nano Physics												
13:00-14:00	Lunch Break													
90 minute session			90 minute session			Symposium on high-speed I/O interfaces			90 minute session			90 minute session		
14:00-14:15	Th3.1.1	Invited Tal Carmon Tel-Aviv University	Th3.2.1	Invited Anelia Somekh-Baruch Bar-Ilan University		Th3.3.1	Tutorial: Transceiver Architectures for Future System Interconnect Demands		Th3.4.1	Invited Dr. Moshe Shuker National Quantum Initiative	Th3.5.1	A novel single-phase nine-level current source		
14:15-14:30	Th3.1.2		Th3.2.2			Th3.3.2	Prof. Sam Palermo Texas A&M		Th3.4.2		269	Mayas Fakher Aldin and Kfir Jack Dagan		
14:30-14:45	Th3.1.3	Development of a Real-Time Terahertz Imaging System Using a Glow Discharge Detector/ Focal Plane Array and Lock-In Camera Detection	Th3.2.3	Digital Schemes for Gaussian Channels with Noisy Feedback		Th3.3.3			Th3.4.3	Invited Prof. Alex Retzger Hebrew University	Th3.5.2	High-Altitude Tethered Cable-Powered Drones: Electric Power Analysis		
											123	Yehoshua Socol		
	153	Dor Azran, Lidor Ladamy, Tomer Latucha, Or Kakon, Daniel Rozban, Arun Ramachandra Kurup, Yitzhak Yitzhaki, Amir Abramovich and Nathan Kopeika	275	Nadav Jacob Lustig, Yuval Kochman, and Anatoly Khina							176	Adir Goldovsky, Aaron Zharnest, Fabio Mandrile, and George Weiss		
14:45-15:00	Th3.1.4	Design, Simulation and Fabrication Development of Polymer Bragg Gratings on Side-Polished Fibers via Two-Photon Polymerization	Th3.2.4	Copying Versus Randomization in Lempel-Ziv Music Synthesis		Th3.3.4			Th3.4.4		Th3.5.4	IEEE 3 Bus Systems Under Varying Operational Conditions: A Comparative Study under effectiveness of linear control		
	296	Abhishek Singh Rathore, Ksenia Shukhin, Parvinder Kaur Gill and Dan M. Marom	330	Nadav Mishan and Ram Zamir							243	Ido Karbol, Uriel Aferiat, Moshe Sitbon, Moria Sassonker, Riccardo Mandrioli and Martin Mellincovsky		
15:00-15:15	Th3.1.5	Faraday effects driven by the magnetic component of optical radiation	Th3.2.5	Cubic Robust Systematic Codes Have Minimum Distance at Most Two		Th3.3.5	Invited Dr. Dan Kuchta Nvidia		Th3.4.5	Invited Dr. Yehuda Naveh CTO Classiq	Th3.5.5	Data-Driven Circuit Model For Soft Sources		
	304	Benjamin Assoulane and Amir Capua	202	David Erman, Osnat Keren, and Shlomo Engelberg							267	Aaron Shmaryahu, Roni Zakay and Ilan Aharon		
15:15-15:30	Th3.1.6	Thick Silicon Photonics Spatial Mode Multiplexer with 3D-Printed Fiber Interface for Rectangular-Core Fibers	Th3.2.6			Th3.3.6			Th3.4.6		Th3.5.6	Passive Thermomagnetic Solar Trackers: Concepts and Architectures		
	260	David Halfon, Aleksei Kukin, Ksenia Shukhin, Jeffery S. Stone, Gaozhou Peng, Ming-Jun U and Dan M. Marom									134	Yehoshua Socol and Yosef Golovachev		
15:30-16:00														
Coffee Break														
Optics Industry Session			120 minute session			120 minute session			120 minute session			120 minute session		
16:00-16:15	Th4.1.1	Invited Yakov Rozin	Th4.2.1	Invited TBD		Th4.3.1	Tutorial Prof. Setin Aviyyente Michigan State University		Th4.4.1	Tutorial Prof. Ebrahim Karimi Chapman University	Th4.5.1	Tutorial Prof. Eby Friedman University of Rochester		
16:15-16:30	Th4.1.2		Th4.2.2			Th4.3.2			Th4.4.2		Th4.5.2			
16:30-16:45	Th4.1.3	Tunable Directional Coupler on the SiN platform for On-chip Commercial Photonic Gyroscope	Th4.2.3	VLSI Accelerates Cell Model Development		Th4.3.3			Th4.4.3		Th4.5.3			
	314	Loren Gamrasni, Saawan Kumar Bag and Itzik Engel	233	Shlomo Koflman, Rotem Solomon and Ramez Daniel										
16:45-17:00	Th4.1.4	Free Spectral Range Stability under Linear Thermal Tuning in a Dual-Coupled Microring Resonator	Th4.2.4	Reinforcement Learning-Driven Personalized Guided Breathing for Blood Pressure Reduction		Th4.3.4			Th4.4.4		Th4.5.4			
	131	Joseph Meyer, Alexander Grebenschukov, Astrid Barreiro, Jose A. Jaramillo-Villegas, J. I. Vegas Oimos and I. Tafari Monroy	230	Regev Azran, Eliot Sprecher, Ron Meir, and Daniel H. Lange										
17:00-17:15	Th4.1.5	Invited Michal Vadai Elbit Systems	Th4.2.5	Ablative t-myp pulsed laser		Th4.3.5	State Estimation with Measurement Sign Errors		Th4.4.5	Invited Talk: Prof. Dorit Aharonov Hebrew University	Th4.5.5	Leakage-Resilient Multi-Party Computation: Protecting the Evaluator in Circuits Garbling		
			289	Salman Noach, Neria Suliman and Rotem Naheer		303	Tsili Sardam Hugl, Jean Alisse, Igal Goldshtein, Lilach Sabban, Vladimir Lechtman, Eran Treitser and Tirza Routtenberg				340	Francesco Berti and Itamar Levi		
17:15-17:30	Th4.1.6		Th4.2.6	Integrated optical imaging system for quantitative evaluation of tissue optical and physiological properties		Th4.3.6	Sum of Squares Polynomial Approximate Dynamic Programming for a State Constrained Problem		Th4.4.6		Th4.5.6	Iteration-Dependent Temporal Resilience in Diffusion Models for Approximate Computing		
			310	David Abookasis		234	Gyorgy Hexner				351	Ori Schweitzer, Uri Weiser and Freddy Gabbay		
17:30-17:45	Th4.1.7	Invited Arieli Bruner Israel Center for Advanced Photonics (ICAP)	Th4.2.7			Th4.3.7	Application of the measure-transformed (MT) GLASSO to financial data		Th4.4.7	Invited Talk: Dr. Ran Fischer Rafael	Th4.5.7	FSM-Based Look-Ahead Auto Clock Gating: A Generic RTL Framework Leveraging FPGA Clock Management Utilization		
						285	Nital Buchnik, Koby Todros and Tirza Routtenberg				196	Yitzhak Ovadya, Yossef Danan, Eliya Leviani, Binjamin Abramov, Yair Kandil, Joseph Bernstein and Amir Shemer		
17:45-18:00	Th4.1.8		Th4.2.8			Th4.3.8	Internal stability of coupled linear infinite dimensional systems		Th4.4.8		Th4.5.8			
						232	Shantanu Singh, Swann Marx and George Weiss							
18:00-19:30														
Three Minute Thesis Competition														

Poster Presentations

Paper Nr.	Title	Authors
We5.1	Field-Deployable OSNR and Spectrum Analytics Using Transceivers for Network-Wide Diagnostics	Abhishek Anchal and Avi Levy
We5.2	Visible and infrared self-supervised fusion trained on a single example	Nati Ofir and Jean-Christophe Nebel
We5.3	Defect Detection Approaches Based on Simulated Reference Image	Nati Ofir, Yotam Ben Shoshan, Ran Badanes and Boris Sherman
We5.4	Integrated Dataset Generation and Testing Platform for Dynamic Graph Neural Network ETA Prediction	Guy Tordjman and Nadav Voloch
We5.5	FPGA based image content recognition system	Dar Eshel Epstein and Binyamin Abramov
We5.6	Life-and-Death Decisions of Autonomous Vehicles: Engineered Cut of the Ethical Gordian Knot	Yair Y. Shaki, Moshe Yanovskiy and Yehoshua Socol
We5.7	A Compact Cavity-Backed Antenna with Enhanced Bandwidth	A. Aflalo, L. Galanti and V. Vulfin
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We5.10	Autonomous Minimally-Actuated Multi-Stable Robot for Search and Exploration	Lior Salem, Yizhar Or, Amir D. Gat, Amir Degani, and Oren Salzman
We5.11	A comparative analysis of solar panel performance fixed orientation versus astronomical and LDR-based sun tracking algorithms	Yosef Golovachev, Evyatar Har-zvi and Moshe Boyer
We5.12	Language-Vision Model Navigation for Indoor Robots Using Semantic Landmark Grounding	Tamir Basson and Amir Shapiro
We5.13	Machine-Learning-Driven Computational Spectroscopy based on Optoelectronic Chromatic Dispersion in Photodiodes	Endalamaw Ewnu Kassa, Ziv Glasser, Uttama K Saint, Roi Yozevitch and Shmuel Sternklar
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We5.18	TCAD based numerical analysis of optoelectronic chromatic dispersion in silicon photodiodes	Meir Itzhaki, Pini Medved, Maor Engel, Ziv Glasser, Shmuel Sternklar and Asaf Albo
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