

PROGRAM

08:00-09:00	Registration, Breakfast, Exhibition Covered Events Garden	
	Opening Session - Plenary Main Rayman Hall Chair: Dr. Eitan Tiferet	
09:00-09:30	Greetings and Opening Remarks ICAM 2025 Chairpersons - Dr. Amnon Shirizly and Dr. Eitan Tiferet Mr. Guy Shasha - Chairmen of The Association of Engineers, Architects and Graduates in Technological Sciences in Israel (AEAI)	
09:30- 10:00	Plenary Lecture: New Materials and Approaches for 3D & 4D Printing Prof. Shlomo Magdassi, The Hebrew University of Jerusalem	
10:00-10:30	Plenary Lecture: Beyond 3D Printing: Integrating AM with Traditional Processes for Next-Generation Products Dr. Amnon Shirizly, Rafael	
10:30-11:00	Exhibition, Coffee Break Covered Events Garden	
	Parallel Sessions- 1 Main Rayman Hall Chair: Dr. Amnon Shirizly	Parallel Sessions 1 - Industry Spotlight West Rayman Hall Chair: Dr. Alex Diskin
11:00-11:30	Keynote Lecture: 3D Printing Is Changing the Face of Maxillofacial Surgery Dr. Michael Pesis, Soroka Medical Center	Pro beam - AM with Electron Beam Mr. Peter Jain, Pro-beam additive GmbH
11:30-11:50	Keynote Lecture: Bioprinting engineered tissues Prof. Shulamit Levenberg, Technion- Israel Institute of Technology	From Build to Validation innovation in Additive manufacturing and precision inspection Mr. Emanuel-Meni Mazuz, Renishaw Israel
11:50- 12:10	3D-Talk Session Chair: Dr. Galit Katarivas Levy	Why P3 DLP 3D Printing Complements Injection Molding Technology Mr. Yaniv Hirshzon, Stratasys
	3D-Talk #1: Bones of Steel: MoldJet Implants as Unique as a Fingerprint Mr. Shlomi Digorker, Ben-Gurion University of the Negev	
	3D-Talk #2: Beyond the Bone: PEEK Inside the Future of Skeleton Implants Mr. Itamar Tulpan, Ben-Gurion University of the Negev	
	3D-Talk #3: Healing in Layers: Redefining Scar Therapy Ms. Noa Kadosh, Ben-Gurion University of the Negev	
12:10-12:30	Exhibition, Coffee Break Covered Events Garden	

	Parallel Sessions 2 Main Rayman Hall Chair: Dr. Amnon Shirizly	Parallel Sessions 2 - Electronics West Rayman Hall Chair: Ms. Hagit Gilon
12:30-12:50	Invited Lecture: A Detailed study of pre-heating effects in electron beam melting powder bed fusion process Mr. Eran Landau, NRCN	Invited Lecture: Unisotropic by design: how to print electrically conductive polymer-based composite Dr. Noa Lachman, Tel-Aviv University
12:50-13:10	Invited Lecture: Addressing the challenges of developing load-bearing 3D printed parts Dr. Hay Azulay	Invited Lecture: Digital printing of copper-based electronics Mr. Sagi Daren, PrintCB
13:10-13:30	3D-Talk Session Chair: Dr. Galit Katarivas Levy	Invited Lecture: PTP™ for PV and Future Challenges in Microelectronics Ms. Hagit Gilon, DR UTILIGHT
	3D-Talk #4: From Powder to Part: The Development of EB-PBF Printing Process Mr. Yaron Ganor, NRCN	
	3D-Talk #5: Runway to Maintenance Independence: Metal AM Solutions for Legacy IAF Platforms Ms. Yarden, Israeli Air Force	
	3D-Talk #6: Beyond Layers: Multi-Material Additive Manufacturing in Architecture Mr. Ohad Meyuhas, Faculty of Architecture and Town Planning, Technion – Israel Institute of Technology	
	3D-Talk #7: 3D Printing Alumina-Based Ceramics through Photopolymerization and Sol-Gel Chemistry Ms. May Yam Moshkovitz-Douvdevany, The Hebrew University of Jerusalem	
13:30-14:30	Exhibition - Covered Events Garden / Lunch - Hotel Dining Room	
	Parallel Sessions 3 Main Rayman Hall Chair: Dr. Eitan Tiferet	Parallel Sessions 3 - Electronics West Rayman Hall Chair: Ms. Hagit Gilon
14:30-15:00	Keynote Lecture: From Build Strategy to Mechanical Anisotropy: Microstructural Insights in AM Grade 91 Steel Dr. Shmuel Samuha, NRCN	Keynote Lecture: Ion and laser beams induced printing of electro-mechanical micro devices Prof. Zeev Zalevsky, Bar-Ilan University
15:00-15:20	Invited Lecture: Reactive infiltration synthesis of metal/ceramic composites for high-performance applications Dr. Alexander Katz-Demyanetz, Israel Institute of Materials Manufacturing Technologies, TRDF, Technion	Invited Lecture: Breaking Barriers with Nanoparticle-Based Additive Manufacturing: From 3D Antennas to High-Efficiency Solar Cells Dr. Cesar Manna, Pvnanocell
15:20-15:40	Invited Lecture: Additive Manufacturing of SiC-based ceramics and composites: coatings and bulk structures Dr. Vladimir Popov, Ariel University	Invited Lecture: From CAD to Certified Parts: The Digital Toolchain That's Redefining Additive Manufacturing Mr. Guy Varon, Polymertal
15:40- 16:00	3D-Talk Session Chair: Dr. Galit Katarivas Levy	
	3D-Talk #8: High performance elastomers for 3D printing Dr. Asaf Nissenbaum, Soreq NRC	
	3D-Talk #9: Laser Powered Directed Energy Deposition of HfB2 for ultra-high temperature ceramics coating fabrication Ms. Shir Andreev Batat, Tel-Aviv University	
	3D-Talk #10: Dynamic Fracture of Additive Manufactured Lattice Structures Mr. Yahav Boim, Technion- Israel Institute of Technology; Rafael	
16:00	Closing Remarks Main Rayman Hall ICAM 2025 Chairpersons - Dr. Amnon Shirizly, Dr. Eitan Tiferet and Dr. Galit Katarivas Levy	

*Please note that the program is subject to changes