

Day	NANO.IL.2023				JOINT NANO.IL x ICS			ICS 90 th			
TIME / ROOM	NANO 1	NANO 2	NANO 3	NANO 4	Joint 1	Joint 2	Joint 3	ICS 1	ICS 2	ICS 3	ICS 4
08:00–09:15 SESSION 4 09:15–10:45	Registration, Exhibition Visit, Poster Viewing										
	Nano at Metrology <i>Chair: Yoram Uziel, KLA & Yonatan Leon, Bruker</i> Yoram Uziel, KLA Basel Shamieh, Bruker Gal Peled, Nanomotion Yoav Shechtman, TEC Yanir Blumenthal, Elbit	Nano Enabled Future of Semiconductors Materials, Devices and Advanced Integration <i>Chair: TBD</i> TBD Avi Strum, Tower Semiconductor Elad Mentovich, NVIDIA Uriel Levy, HUJI Avner Goren, Former in Intel Corporation Panel Discussion	3D Printing 2 Materials <i>Chair: Noa Lachman-Senesh, TAU</i> Hila Elimelech, IMOD Oren Regev, BGU TBD Roa Trink, HUJI Almog Sulam, TEC	Nano at Local Defense Industry <i>Chair: Orna Breuer, Rafael</i> TBD Jochana Reis, Rafael Michal Vadai, ELOP Erez Gershcnabel, IAI Simon Spaer, Tomer	JOINT Materials 4 Nanofabrication & Self Assembly <i>Chair: Shachar Richter, TAU & Tamar Segal-Peretz, TEC</i> Adi Salomon, BIU Roy Shenhar, HUJI Alexander Tesler, BIU Gal Finkelstein-Zuta, TAU Dvir Gur, WIS	JOINT Startups and Entrepreneurship <i>Chair: Shuki Yeshurun, Entrepreneur</i> Short presentations by multiple start-up companies NanoPass · SolidT Technology · Precure · BDUK pharmaceuticals · NurExone Biologic · NanoCarry · Genopore · SIGINT.bio · New Phase · Nanose Medical · Exodus Technology	JOINT Bio-related 1 <i>Chair: Ayala Lampel, TAU & Ronit Bitton, BGU</i> John B. Matson, VTech Yuhong Cao, NCNST Dekel Rosenfeld, TAU Amit Nelkin, TEC Sivan Arber Raviv, TEC	Organic II	TBA	Physical Chemistry	Women in Chemistry
10:45–11:15	Coffee Break, Exhibition Visit, Poster Viewing										
11:15–12:45	Plenary Session 2		11:15–11:45 Plenary Lecture 3 – Prof. Samuel I. Stupp, Northwestern University: Dynamics and Function in Supramolecular Nanostructures 11:45–12:15 Plenary Lecture 4 – Industrial, TBD 12:15–12:45 Plenary Lecture 5 – Prof. Stuart Parkin, Max Planck Institute of Microstructure Physics: 2D van der Waals materials for spintronics								
12:45–13:15	Lunch, Exhibition Visit										
13:15–14:00 SESSION 5 14:00–15:30	Poster Session										
	Advanced Packaging & Nano-Mechanics <i>Chair: Yonatan Leon, Bruker & Yoram Uziel, KLA</i> Avner Safrani, KLA Tsili Bialistok, Bruker Shimon Koren, Camtec Yenon Ben-Haim, Nova Shunit Petachia Halely, AMAT	3D Printing 3 Start Up Materials <i>Chair: Hila Elimelech, IMOD</i> Sagi Daren, PrintCB Matti Ben-Moshe, Tritone Eitan Grossman, Noga 3D Amir Reisinger, HUJI May Yam Moshkovitz-Douddevany, HUJI	3D Printing 4 3D and Nano, S&T in the Building and Concrete Industries <i>Chair: Maya Calderon, M.Arch</i> Maya Calderon, M.Arch Oren Harambam, MAI Arnon Bentur, TEC Alex Brodsky, BGU Shuki Yeshurun, Tortechnano Fibers Semion Zhutovsky, TEC Eran Carmi, Shahaf PY Adam Shochen, Ackerstein	Frontiers in Nanoscience & Nanotechnology Discussion / Panel <i>Chair: Dror Fixler, TAU</i> Zhiyong Tang, NCNST Nicolina Pop, Politehnica U. of Timisoara Pavel Banas, Palacký University Olomouc	Materials 5 1D & 2D Materials <i>Chair: Itai Epstein, TAU & Elad Koren, TEC</i> Deep Jariwala, Penn U. Shahal Ilani, WIS Doron Naveh, BIU Rawan Hirzalla, HUJI Geffen Rosenberg, TAU	Nano Biotech – Industrial Approach, Part A <i>Chair: Noa Lapidot, Merck & Noga Yerushalmi, M Ventures</i> Amit Meller, TEC Lior Shaltiel, NurExone Biologic Orna Drezan, Nextage Therapeutics Ltd. Michael Shpigelmacher, Bionud Labs	Agriculture & Food <i>Chair: Maya Kleiman, Volcani</i> Elena Poverenov, Volcani Yael Mishael, HUJI Rivka Elbaum, HUJI Hagai Kohai, Volcani	ICS Plenary Session			
15:30–16:00 SESSION 6 16:00–17:30	Coffee Break, Exhibition Visit, Poster Viewing										
	Nano at Environment and Climate Challenges <i>Chair: Guy Mechrez, TEC</i> Ziv Kochav, ICL Avi Domb, HUJI Asaf Salant, PVNanoCell Ariel Kushmaro, BGU	Fraunhofer Nano Technology and Advanced Manufacturing <i>Chair: Rafi (Rafael) Wertheim, Fraunhofer IWU & Ofra Benny, HUJI</i> Steffen Rupp, Fraunhofer IGB Christian Berger, Fraunhofer IKTS Stefanie Hildebrandt, Fraunhofer IKTS Evelyn Obele, Embassy of the Federal Republic of Germany Tel Aviv	3D Printing 5 Technologies <i>Chair: Itamar Gutman, Rafael & Amnon Shirizly, Defense Company</i> Aryeh Batt, Precise Bio Beni Cukurel, TEC Gennady Ziskind, BGU Ohad Dolev, Tritone Technologies Ltd Hagay Shpaisman, BIU	New Technologies in Bioprinting <i>Chair: Tal Dvir, TAU</i> Shulamit Levenberg, TEC Aryeh Batt, Precise Bio Ziv Heller, Alvox Bio Yehiel Tal, Collplant	JOINT Materials 6 NanoSensors & Nanodevices <i>Chair: Doron Gerber, BIU & TBD</i> Yossi Rosenwaks, Afeka, TAU Muhammad Bashouti, BGU Hadar Ben-Yoav, BGU Pooja Verma, BGU Santhosh Mallesh, Volcani	JOINT Nano Biotech – Industrial Approach, Part B <i>Chair: Yanir Aldouby, Nextage & Lior Shaltiel, Nurexone</i> Ronen Eavri, Barcode Nanotech Michael Zilbershlag, Exodus Technology Revital Mandil Levin, Nanocarry Therapeutics Dalit Fellous Hazan, Polypid	JOINT Bio-Nano materials for diverse applications <i>Chair: Zvi Hayouka, HUJI & Ester Segal, TEC</i> Ronit Satchi-Fainaro, TAU Maya Davidovich-Pinhas, TEC Mattan Hurevich, HUJI Gali Fichman, HUJI Noga Sharf Pauker, TEC	Systems Chemistry and Supramolecular Chemistry	Polymer Chemistry	Biophysics and Biochemistry	AI in Chemistry
17:30–18:30	Plenary Session 3: Closing – Summary and Prizes										