

IMEC20 Timetable at a Glance

* As of 07/01/2025. Subject to changes.

Plenary	Small Dimensions Sessions	Soft Matter Sessions	Structural Materials Sessions	Computational MS Sessions
Reduced Dimensionality Sessions	Charge Transfer Sessions	Materials in Archeology Session	Additive Manufacturing Session	Functional Materials Session
Materials Characterization Session	Networking	Breaks		

Tuesday, February 25, 2025					
Registration Area, Poster Area, Exhibition Area					
8:00-9:00	Registration, Coffee Break, Poster Mounting				
Hall A					
9:00-9:10	Opening Ceremony				
Hall A					
9:10-9:55	Plenary 1 - Grain Growth is Not Curvature Flow: Why? Consequences?				
Chair: TBA Speaker: David J. Srolovitz, <i>Hong Kong University</i>					
9:55-10:40	Plenary 2 - Magnesium Technologies for Aviation and Aerospace Applications				
Chair: TBA Speaker: Dan Shechtman, <i>TIIT</i>					
Poster Area, Exhibition Area					
10:40-11:10	Coffee Break, Poster Viewing				
	Hall A	Hall B	Hall C	Hall D	Hall E
11:10-13:10	Nanomaterials Chair: TBA <u>Invited Speakers:</u> Shachar Richter, <i>TAU</i> Mark Schwartzman, <i>BGU</i> Shlomi Polani, <i>Ariel University</i>	Polymers & Colloids Chair: TBA <u>Invited Speakers:</u> Angelika Elkan, <i>TAU</i> Yuval Vidavsky, <i>MAMAG</i> Amos Bardea, <i>HIT</i>	2D Materials Chair: TBA <u>Invited Speakers:</u> Doron Naveh, <i>BIU</i> Oded Hod, <i>TAU</i> Ariel Ismach, <i>TAU</i>	Materials in Archeology Chair: TBA <u>Invited Speakers:</u> Naama Yahalom-Mack, <i>HUJI</i> Adi Eliyahu, <i>Ariel University</i> Yotam Asscher, <i>UH and IAA</i>	E. Gutmanas Symposium Chair: TBA <u>Invited Speakers:</u> Nahum Travitzky, <i>FAU Germany</i> Igor Zlotnikov, <i>TU Dresden</i> Dan Mordehai, <i>TIIT</i> Aliya Sharipova, <i>Fraunhofer IKTS</i> Alexander Katz-Demyanetz, <i>IMT</i>
Poster Area, Exhibition Area					
13:10-14:40	Lunch Break & Poster Session				
	Hall A	Hall B	Hall C	Hall D	Hall E
14:40-16:40	Materials for Energy Chair: TBA <u>Invited Speakers:</u> David Eisenberg, <i>TIIT</i> Ronen Gottesman, <i>HUJI</i> Yatir Sadia, <i>KAMAG</i>	Bio- & Soft Materials Chair: TBA <u>Invited Speakers:</u> Assaf Gal, <i>WIS</i> Lihi Adler-Abramovich, <i>TAU</i> Dganit Danino, <i>TIIT</i>	Ceramics and Composites Chair: TBA <u>Invited Speakers:</u> Yoed Tsur, <i>TIIT</i> Barak Ratzker, <i>MPI Duesseldorf</i> Amnon Rothman, <i>BGU</i>	Quantum Materials Chair: TBA <u>Invited Speakers:</u> Ido Kaminer, <i>TIIT</i> Alon Ron, <i>TAU</i> Moshe Harats, <i>BGU</i>	Mechanical Properties & Failure Chair: TBA <u>Invited Speakers:</u> Jay Fineberg, <i>HUJI</i> Eilon Faran, <i>TIIT</i> Mirit Sharabi, <i>Ariel University</i>
Poster Area, Exhibition Area					
16:40-18:10	Welcome Reception & Posters				

Plenary	Small Dimensions Sessions	Soft Matter Sessions	Structural Materials Sessions	Computational MS Sessions
Reduced Dimensionality Sessions	Charge Transfer Sessions	Materials in Archeology Session	Additive Manufacturing Session	Functional Materials Session
Materials Characterization Session	Networking	Breaks		

Wednesday, February 26, 2025

	Registration Area, Poster Area, Exhibition Area				
8:00-9:00	Registration, Coffee Break, Poster Mounting				
	Hall A				
9:00-9:45	<p align="center">Plenary 3 - Unveiling the Art of Self-Assembly in the Creation of Diverse Biomaterials</p> <p align="center">Chair: TBA Speaker: Ulyana Shimanovich, <i>WIS</i></p>				
9:45-10:30	<p align="center">Plenary 4 - Materials Science Challenges in Developing High Energy, Safe and Durable Rechargeable Batteries</p> <p align="center">Chair: TBA Speaker: Doron Aurbach, <i>BIU</i></p>				
	Poster Area, Exhibition Area				
10:30-11:00	Coffee Break, Poster Viewing				
	Hall A	Hall B	Hall C	Hall D	Hall E
11:00-13:00	<p>Computational MS I</p> <p>Chair: TBA</p> <p><u>Invited Speakers:</u> Alex Umantsev, <i>North Carolina State U</i> Lee Burton, <i>TAU</i> Ofer Beeri, <i>KAMAG</i></p>	<p>Surfaces & Interfaces</p> <p>Chair: TBA</p> <p><u>Invited Speakers:</u> Adi Solomon, <i>BIU</i> Hannah-Noa Barad, <i>BIU</i> Boaz Pokroy, <i>TIIT</i></p>	<p>Additive Manufacturing</p> <p>Chair: TBA</p> <p><u>Invited Speakers:</u> Shulamit Levenberg, <i>TIIT</i> Amnon Shirizli, <i>RAFAEL</i> Aslan Miriyev, <i>BGU</i></p>	<p>Functional Materials</p> <p>Chair: TBA</p> <p><u>Invited Speakers:</u> Elena Meirzadeh, <i>WIS</i> Semen Gorfman, <i>TAU</i> Yachin Ivry, <i>TIIT</i></p>	<p>Physical Metallurgy</p> <p>Chair: TBA</p> <p><u>Invited Speakers:</u> Pnina Ari-Gur, <i>West Michigan University</i> Hanna Bishara, <i>TAU</i> Aleksandra Baron-Wiechec, <i>GTIIT</i></p>
	Poster Area, Exhibition Area				
13:00-14:30	Lunch Break & Poster Session				
	Hall A	Hall B	Hall C	Hall D	Hall E
14:30-16:30	<p>Computational MS II</p> <p>Chair: TBA</p> <p><u>Invited Speakers:</u> Eli Brosh, <i>KAMAG</i> Sivan Refaely-Abramson, <i>WIS</i> Maytal Caspary Toroker, <i>TIIT</i></p>	<p>Materials for Extreme Conditions</p> <p>Chair: TBA</p> <p><u>Invited Speakers:</u> Wayne Kaplan, <i>TIIT</i> Noam Eliaz, <i>TAU</i> Amit Schleyer, <i>RAFAEL</i></p>	<p>Materials Physics (14:30-16:35)</p> <p>Chair: TBA</p> <p><u>Invited Speakers:</u> Yaron Amouyal, <i>TIIT</i> Tomer Lewi, <i>BIU</i> Muntaser Naamneh, <i>BGU</i> Roy Sagi, <i>KAMAG</i> Uriel Levy, <i>HUJI</i></p>	<p>Materials Characterization</p> <p>Chair: TBA</p> <p><u>Invited Speakers:</u> Yevgeny Rakita, <i>BGU</i> Michal Leskes, <i>WIS</i> Yoav Shechtman, <i>TIIT</i></p>	<p>Corrosion & Electrochemistry</p> <p>Chair: TBA</p> <p><u>Invited Speakers:</u> Konstantin Borodianskiy, <i>Ariel University</i> Daniel Sharon, <i>HUJI</i> Galit Katarivas Levy, <i>BGU</i></p>

	Poster Area, Exhibition Area
16:30-17:00	Coffee Break, Poster Viewing
	Hall A
17:00-17:45	Plenary 5 - Underwater Technologies for Cultural Heritage in the Eastern Mediterranean: Data Capture, Curation, Analyses and Dissemination Chair: TBA Speaker: Thomas Levy, <i>University of California San Diego</i>
	Hall A
17:45-18:15	Best Poster Prize Announcement & Closing Remarks

Affiliations

BGU	<i>Ben-Gurion University of the Negev</i>
BIU	<i>Bar-Ilan University</i>
FAU Germany	<i>University of Erlangen–Nuremberg</i>
Fraunhofer IKTS	<i>Fraunhofer Institute for Ceramic Technologies and Systems IKTS</i>
GTIIT	<i>Guangdong Technion - Israel Institute of Technology</i>
HIT	<i>Holon Institute of Technology</i>
HKU	<i>Hong Kong University</i>
HUJI	<i>Hebrew University of Jerusalem</i>
IAA	<i>Israel Airports Authority</i>
IMT	<i>Israel Institute of Materials Manufacturing Technologies</i>
MPI Duesseldorf	<i>Max-Planck-Institut for Sustainable Materials</i>
NCSU	<i>North Carolina State University</i>
TAU	<i>Tel Aviv University</i>
TIIT	<i>Technion - Israel Institute of Technology</i>
TU Dresden	<i>Dresden University of Technology</i>
UCSD	<i>University of California San Diego</i>
UH	<i>University of Haifa</i>
WIS	<i>Weizmann Institute of Science</i>
WMU	<i>West Michigan University</i>