

## IMEC20 Timetable at a Glance

\* As of 14/01/2025. 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					
<b>8:00-9:00</b> Registration, Coffee Break, Poster Mounting					
Hall A					
<b>9:00-9:10</b> Opening Ceremony					
Hall A					
<b>9:10-9:55</b> Plenary 1 - Grain Growth is Not Curvature Flow: Why? Consequences?					
Chair: TBA Speaker: David J. Srolovitz, <i>Hong Kong University</i>					
<b>9:55-10:40</b> Plenary 2 - Magnesium Technologies for Aviation and Aerospace Applications					
Chair: TBA Speaker: Dan Shechtman, <i>TIIIT</i>					
Poster Area, Exhibition Area					
<b>10:40-11:10</b> Coffee Break, Poster Viewing					
Hall A		Hall B		Hall C	
<b>Nanomaterials</b>		<b>Polymers &amp; Colloids</b>		<b>2D Materials</b>	
Chair: TBA		Chair: TBA		Chair: TBA	
<u>Invited Speakers:</u> Shachar Richter, <i>TAU</i> Mark Schwartzman, <i>BGU</i> Shlomi Polani, <i>Ariel University</i>		<u>Invited Speakers:</u> Angelika Elkan, <i>TAU</i> Yuval Vidavsky, <i>MAMAG</i> Amos Bardea, <i>HIIT</i>		<u>Invited Speakers:</u> Doron Naveh, <i>BIU</i> Oded Hod, <i>TAU</i> Ariel Ismach, <i>TAU</i>	
				<u>Invited Speakers:</u> Naama Yahalom-Mack, <i>HUJI</i> Adi Eliyahu, <i>Ariel University</i> Yotam Asscher, <i>UH and IAA</i>	
				<u>Invited Speakers:</u> Igor Zlotnikov, <i>TU Dresden</i> Nahum Travitzky, <i>FAU Germany</i> Dan Mordehai, <i>TIIIT</i> Aliya Sharipova, <i>Fraunhofer IKTS</i> Alexander Katz-Demyanetz, <i>IMT</i>	
Poster Area, Exhibition Area					
<b>13:10-14:40</b> Lunch Break & Poster Session					
Hall A		Hall B		Hall C	
<b>Materials for Energy</b>		<b>Bio- &amp; Soft Materials I (14:40-16:30)</b>		<b>Ceramics and Composites</b>	
Chair: TBA		Chair: TBA		Chair: TBA	
<u>Invited Speakers:</u> David Eisenberg, <i>TIIIT</i> Ronen Gottesman, <i>HUJI</i> Yatir Sadia, <i>KAMAG</i>		<u>Invited Speakers:</u> Assaf Gal, <i>WIS</i> Dganit Danino, <i>TIIIT</i>		<u>Invited Speakers:</u> Yoed Tsur, <i>TIIIT</i> Barak Ratzker, <i>MPI Duesseldorf</i> Amnon Rothman, <i>BGU</i>	
				<u>Invited Speakers:</u> Ido Kaminer, <i>TIIIT</i> Alon Ron, <i>TAU</i> Moshe Harats, <i>BGU</i>	
				<u>Invited Speakers:</u> Jay Fineberg, <i>HUJI</i> Eilon Faran, <i>TIIIT</i> Mirit Sharabi, <i>Ariel University</i>	
Poster Area, Exhibition Area					
<b>16:40-18:10</b> 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	<b>Registration, Coffee Break, Poster Mounting</b>					
	Hall A					
9:00-9:45	<b>Plenary 3 - Unveiling the Art of Self-Assembly in the Creation of Diverse Biomaterials</b>					
	Chair: TBA Speaker: Ulyana Shimanovich, <i>WIS</i>					
9:45-10:30	<b>Plenary 4 - Materials Science Challenges in Developing High Energy, Safe and Durable Rechargeable Batteries</b>					
	Chair: TBA Speaker: Doron Aurbach, <i>BIU</i>					
	Poster Area, Exhibition Area					
10:30-11:00	<b>Coffee Break, Poster Viewing</b>					
	Hall A	Hall B	Hall C	Hall D	Hall E	Hall F
11:00-13:00	<b>Computational MS I</b>  Chair: TBA  <u>Invited Speakers:</u> Alex Umantsev, <i>North Carolina State U</i> Lee Burton, <i>TAU</i> Ofer Beeri, <i>KAMAG</i>	<b>Surfaces &amp; Interfaces</b>  Chair: TBA  <u>Invited Speakers:</u> Adi Salomon, <i>BIU</i> Hannah-Noa Barad, <i>BIU</i> Boaz Pokroy, <i>TIIT</i>	<b>Additive Manufacturing I</b>  Chair: TBA  <u>Invited Speakers:</u> Shulamit Levenberg, <i>TIIT</i> Amnon Shirizli, <i>RAFAEL</i> Aslan Miriyev, <i>BGU</i>	<b>Functional Materials</b>  Chair: TBA  <u>Invited Speakers:</u> Elena Meirzadeh, <i>WIS</i> Semen Gorfman, <i>TAU</i> Yachin Ivry, <i>TIIT</i>	<b>Physical Metallurgy</b>  Chair: TBA  <u>Invited Speakers:</u> Pnina Ari-Gur, <i>West Michigan University</i> Hanna Bishara, <i>TAU</i> Aleksandra Baron-Wiechec, <i>GTIIT</i>	<b>Bio- and Soft Materials II (11:00-12:55)</b>  Chair: TBA  <u>Invited Speaker:</u> Lihi Adler-Abramovich, <i>TAU</i>
	Poster Area, Exhibition Area					
13:00-14:30	<b>Lunch Break &amp; Poster Session</b>					
	Hall A	Hall B	Hall C	Hall D	Hall E	Hall F
14:30-16:30	<b>Computational MS II</b>  Chair: TBA  <u>Invited Speakers:</u> Eli Brosh, <i>KAMAG</i> Sivan Refaely-Abramson, <i>WIS</i> Maytal Caspary Toroker, <i>TIIT</i>	<b>Materials for Extreme Conditions</b>  Chair: TBA  <u>Invited Speakers:</u> Wayne Kaplan, <i>TIIT</i> Noam Eliaz, <i>TAU</i> Amit Schleyer, <i>RAFAEL</i>	<b>Materials Physics (14:30-16:35)</b>  Chair: TBA  <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>	<b>Materials Characterization</b>  Chair: TBA  <u>Invited Speakers:</u> Yevgeny Rakita, <i>BGU</i> Michal Leskes, <i>WIS</i> Yoav Shechtman, <i>TIIT</i>	<b>Corrosion &amp; Electrochemistry</b>  Chair: TBA  <u>Invited Speakers:</u> Konstantin Borodianskiy, <i>Ariel University</i> Daniel Sharon, <i>HUJI</i> Galit Katarivas Levy, <i>BGU</i>	<b>Additive Manufacturing II (14:30-16:15)</b>

	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 Antiquities 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>