

## First Workshop of the **Israel Chapter** of the *American Ceramic Society*

May 11, 2026

Department of Materials Science & Engineering, Technion, Haifa

09:00 – 09:15	Arrival to the Wang Auditorium, Materials Sci & Eng, Technion
Chair	Wayne D. Kaplan (Technion)
09:15 – 09:30	Welcoming Address, <b>Gideon Grader</b> (Technion)
09:30 – 10:00	<b>Anat Shenhar</b> (Rafael): <i>Challenges and Contributions of Advanced Ceramics in RAFAEL's Current and Future Defense Systems</i>
10:00 – 10:30	<b>Yaron Amouyal</b> (Technion): <i>Charge and Heat Transport in Thermoelectric Oxides</i>
10:30 – 11:15	Coffee Break and Poster Session
Chair	Limor Zuri (K&S)
11:15 – 11:45	<b>Yatir Sadia</b> (Bar Ilan University): <i>Seebeck, Electronic and Ionic Conduction in Ceramics: How to Separate the Variables</i>
11:45 – 12:15	<b>Dana Benes Dahan</b> (K&S): <i>Challenges in 3DP of Ceramic Parts</i>
12:15 – 13:30	Lunch Break*
Chair	Yaron Amouyal (Technion)
13:30 – 14:00	<b>Maxim Sokol</b> (Tel Aviv University): <i>Challenges and Opportunities in Integrating MXenes into Ceramic Nanocomposites</i>
14:00 – 14:30	<b>Nir Kojocar</b> (NanoMotion): <i>Lead Free Piezoelectrics: Progress and Use Case in Ultrasonic Motors</i>
14:30 – 15:15	Coffee Break and Poster Session
Chair	Gideon Grader (Technion)
15:15 – 15:45	<i>Panel on Ceramics for Extreme Conditions</i> , Moderator: <b>Ehud Galun</b> (Tel Aviv University); Panel Participants: <b>Shmuel Hayun</b> (Ben Gurion University), <b>G.S.</b> (Israel Aircraft Industries), <b>D.B.</b> (Rafael), <b>G.Z.</b> (Elbit), <b>N.A.</b> (Tomer)
15:45 – 16:00	Closing Remarks and Updates Regarding the Next Workshop

\* Participants are independent for lunch, where options are available at the Student Union Building which is a ~350m walk.