



The Israel Chemical Society
Celebrates its
90th Anniversary



The 87th Annual Meeting of The Israel Chemical Society

Timetable

April 3, 2024

Smolarz Auditorium, Tel Aviv University

8:30-9:00	Registration	Poster mounting and exhibition	Light breakfast
09:00-9:20		Opening Session	
9:20-9:50	Chair: Prof. E. Keinan	Prof. Lucio Frydman , Weizmann Institute <i>Nuclear Magnetic Resonance or Magnetic Resonance Imaging? Let's take both</i>	ICS Prize of 2022 Excellence
09:50-10:10	Chair: Dr. N. Shpigel	Prof. Oded Hod , Tel Aviv University <i>Layered Ferroelectricity: from Geometric Measures to First-Principles Calculations</i>	
10:10-10:30		Prof. Leeor Kronik , Weizmann Institute <i>Understanding optical properties of biogenic and bio-inspired molecular crystals: a first principles perspective</i>	
10:30-10:50		Prof. Sharon Ruthstein , Bar-Ilan University <i>The correlation between the gating mechanism of the human copper transporter, Ctr1, and the development of innovative biomarkers</i>	
10:55-11:35		Coffee Break	
11:35-11:55	Chair: Dr. Z. Nairoukh	Prof. Eylon Yavin , The Hebrew University <i>FIT-PNAs as RNA sensors for Ovarian cancer diagnostics</i>	
11:55-12:15		Prof. Doron Pappo , Ben Gurion University <i>Redox-Active 3rd-Transition Metal Catalysts for Dehydrogenative C-H Bond Coupling</i>	ICS-Adama Prize 2023
12:15-12:35		Dr. Raya Sorkin , Tel Aviv University <i>Membrane tension and membrane (hemi) fusion</i>	
12:35-12:55		Prof. Ori Gidron , The Hebrew University <i>Aromatic Materials – A Twisted Tale</i>	ICS Young Scientist Prize 2022
13:00-14:30		Lunch, Posters Session, Exhibition, Gender Equality Power Hour (with Prof. Mindy Levine)	
13:30-14:30		General Assembly	
14:30-15:00	Chair: Prof. E. Keinan	Prof. Shlomo Magdassi , The Hebrew University <i>From Gutenberg Bible to 4D printing</i>	ICS Prize of 2022 Excellence
15:00-15:20	Chair: Prof. A. Salomon	Prof. Galia Maayan , Technion <i>Bio-inspired electrocatalytic water oxidation</i>	
15:20-15:40		Prof. Dan Meyerstein , Ariel University <i>The Mechanisms of the Fenton and Fenton-Like Reactions</i>	
15:40-16:00		Prof. Malachi Noked , Bar-Ilan University <i>Mitigating Electrode Material Degradation through Advanced Surface Modification Techniques</i>	ICS Young Scientist Prize 2023
16:05-16:30		Coffee Break	
16:30-16:50	Chair: Prof. D. Golodnitsky	Prof. David Eisenberg , Technion <i>Porous Materials: The Next Frontier in Energy Research</i>	
16:50-17:10		Prof. Emanuel Peled , Tel Aviv University <i>Lithium and sodium metal batteries</i>	
17:10-17:30		Prof. Idan Hod , Ben Gurion University <i>Molecular Manipulation of Heterogeneous Electrocatalysis Using Metal-Organic Frameworks</i>	ICS Young Scientist Prize 2022
17:30-18:00		Prof. Abhishek Dey , IACS, Kolkata, India <i>Factors Deciding the Selectivity of O₂, NO, CO₂ and SO₂ Reduction</i>	
18:00-18:45		Reception	
18:45		ICS Award Ceremony	

