## Scientific Program

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tr>
<td>09:00-9:45</td>
<td>Gathering and Registration</td>
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<tr>
<td>09:45-10:00</td>
<td>Welcome Greetings, Prof. Chaim Hames, Rector of the Ben-Gurion University of the Negev</td>
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<tr>
<td><strong>Morning Session (25 minutes talk + 5 minutes Q&amp;A), Chairman: Ze'ev Porat</strong></td>
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| 10:00-10:30   | Plenary Lecture: Probing Reactions at Electrochemical Interfaces with X-ray Spectroscopies  
Robert Weatherup, University of Manchester, United Kingdom |
| 10:30-11:00   | Invited Lecture: Evaluation of Ion-Transport in Composite Polymer-In-Ceramic Electrolytes  
Diana Golodnitsky, Tel-Aviv University, Israel |
| 11:00-11:15   | Coffee Break                                                             |
| 11:15-12:00   | In Memoriam of the Late Professor Israel Rubinstein  
Yuval Golan, Ze'ev Porat, Alexander Vaskevich, Bilha Rubinstein |
| 12:00-12:30   | Invited Lecture: TBA  
Moshe Herzberg, Ben-Gurion University of the Negev, Israel |
| 12:30-13:00   | Invited Lecture: Analysis of Electrochemical Impedance Spectroscopy Measurements of Fuel Cells and Supercapacitors  
Yoed Tsur, Technion - Israel Institute of Technology, Israel |
| 13:00-14:30   | Lunch, Posters Session, Vendor Exhibition                                 |
| **Afternoon Sessions (17 minutes talk + 3 minutes Q&A)** |
| **Afternoon Session I – Fuel Cells, Chairman: Lior Elbaz** |
| 14:30-14:55   | Invited Lecture: Mass Transport in Electrocatalysis: The Role of Nanostructure  
David Eisenberg, Technion - Israel Institute of Technology, Israel |
| 14:55-15:15   | From "Nano To Nano": A New Approach for Electrochemical Deposition  
Daniel Mandler, The Hebrew University of Jerusalem, Israel |
| 15:15-15:35   | Electrocatalytic Reduction of CO₂ and Oxidation of CO Catalyzed by Polyoxometalates  
Dima Azaiza-Dabbah, Weizmann Institute of Science, Israel |
| 15:35-15:55   | Electrocatalytic CO₂ Reduction Exhibited by Confined CoTMPyP in Electrodeposited Reduced Graphene Oxide  
Yair Bochlin, Ben-Gurion University of the Negev, Israel |
| **Afternoon Session II – Bio-electrochemistry, Chairman: Omer Yehezkel** |
Noam Adir, Technion - Israel Institute of Technology, Israel |
<p>| 14:55-15:15   | Reduced Graphene Oxide -Modified Microelectrode for Antipsychotic Olanzapine Real-Time Detection in Blood |</p>
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<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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<tr>
<td>15:15-15:35</td>
<td>Electron Transfer in Coordination-based Molecular Assemblies</td>
<td>Michal Lahav</td>
<td>Weizmann Institute of Science, Israel</td>
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<td>15:35-15:55</td>
<td>Highly Efficient Flavin–Adenine Dinucleotide Glucose Dehydrogenase Fused to a Minimal Cytochrome C Domain</td>
<td>Itay Algov</td>
<td>Ben-Gurion University of the Negev, Israel</td>
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<td>15:55-16:10</td>
<td>Coffee break</td>
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<tr>
<td>16:10-16:40</td>
<td>Invited lecture: Hydrogen-Bromine Redox-Flow Batteries</td>
<td>David Zitoun</td>
<td>Bar Ilan University, Israel</td>
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<td>16:40-17:00</td>
<td>3D-Printed Functional Materials for Electrochemical Energy Storage</td>
<td>Heftsi Ragones</td>
<td>Tel-Aviv University, Israel</td>
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<td>17:00-17:20</td>
<td>Metallo-Organic Assemblies for Dual-Function Electrochromic Supercapacitors</td>
<td>Ofir Eisenberg</td>
<td>Weizmann Institute of Science, Israel</td>
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<td>17:20-17:40</td>
<td>Investigation of Novel N-Heterocyclic Lithium Salt Dissolved in Silane-Based Solvent as A Safe Electrolyte for High Power Lithium Batteries</td>
<td>Yonatan Horowitz</td>
<td>Tel-Aviv University, Israel</td>
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<td>16:10-16:40</td>
<td>Invited lecture: Operando Characterization of Charge Extraction Profiles in Semiconductor Photoelectrodes with Nanoscale Resolution</td>
<td>Gideon Segev</td>
<td>Tel Aviv University, Israel</td>
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<td>16:40-17:00</td>
<td>Selective Charge Trapping and Release in Nanoscale Films</td>
<td>Floriane Sturm</td>
<td>Weizmann Institute of Science, Israel</td>
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<tr>
<td>17:00-17:20</td>
<td>Designing Efficient Catalysts for Solar Water Splitting: Metallic Doping of NiOOH Material</td>
<td>Jeremie Zaffran</td>
<td>Technion - Israel Institute of Technology, Israel</td>
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<td>17:20-17:40</td>
<td>H2O2: Photo-Oxidation on Hematite Electrodes: A Tale of Two Sites</td>
<td>Arik Yochelis</td>
<td>Ben-Gurion University of the Negev, Israel</td>
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<td>17:40-18:10</td>
<td>Best Poster Award and Concluding Remarks</td>
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