May 26th
08:45-09:00  Gathering, Coffee
09:00-09:15  Opening:
  Daniel Zajfman, President, Weizmann Institute of Science
  Gilad Haran, Dean of Chemistry, Weizmann Institute of Science
09:15-10:00  Barbara J. Finlayson-Pitts, University of California, Irvine
  *Challenges in Understanding Particle Formation and Growth in Air Now and in the Future*
10:00-10:15  Sivan Refaely-Abramson, Weizmann Institute of Science
  *Predicting Spectroscopic Properties of Organic Molecules and Crystals Using Density Functional Theory*
10:15-11:00  Nicola Spaldin, ETH Zürich
  *From Materials Chemistry to Cosmology: Studying the Early Universe Under the Microscope*
11:00-11:20  Coffee break
11:20-11:35  Yael Tsarfati, Weizmann Institute of Science
  *Dispersing Perylene Diimide/SWNT Hybrids - Structural Insights at the Molecular Level and Fabricating Advanced Hybrid Materials*
11:35-12:20  Luisa De Cola, University of Strasbourg
  *Hybrid Materials: Properties and Applications*
12:20-12:35  Anat Akiva, Weizmann Institute of Science
  *Boning Up on Bone Formation: Tracking the Bone Formation Pathways in the Larval Zebrafish Tail*
12:35-14:00  Lunch break
14:00-14:45  Viola Vogel, ETH Zürich
  *Learning from Nature: How to Engineer the Mechanical Stability of Non-Covalent bonds*
14:45-15:00  Tamar Yelin, Weizmann Institute of Science
  *The Upper Limit of Conductance Across a Single Molecule*
15:00-16:15  Round Table Discussion - Gender Balance in Chemical Sciences
16:15-18:15  Poster session

May 27th
08:45-09:00  Gathering, Coffee
09:00-09:45  Geraldine Richmond, University of Oregon
  *Molecular Assembly at Oil/Water Emulsion Interfaces*
09:45-10:00  Raya Sorkin, Weizmann Institute of Science
  *Phosphatidyl cholines as Ultra-Efficient Boundary Lubricants*
10:00-10:45  Song-i Han, University of California, Santa Barbara
  *Decoding Water Dynamics on Biological and Materials Surfaces for Activity and Function*
10:45-11:00  Daphna Shimon, Weizmann Institute of Science
  *New Insights Into the DNP Mechanisms in the Solid State*
11:00-11:20  Coffee break
11:20-11:45  Michal Leskes, Weizmann Institute of Science
  *Monitoring Electrochemical Processes in Rechargeable Batteries by NMR Spectroscopy*
11:45-12:00  Yunmin Jung, Weizmann Institute of Science
  *3D Localization of T-cell Receptors in Relation to Microvilli Using a Combination of Super-Resolution Microscopies*
12:00-12:15  Zohar Eyal, Weizmann Institute of Science
  *The Structure of the Large Ribosomal Subunit from the Pathogen Staphylococcus aureus and its Complexes with Antibiotics*
12:15-13:00  Jane Clarke, University of Cambridge
  *Folding Upon Binding: The Importance of Disorder*
13:00-13:10  Concluding remarks

Organizing Committee
  Miri Krupkin, Dept of Structural Biology | Renata Balgley, Dept of Organic Chemistry | McKenzie Kohn, Dept of Earth and Planetary Sciences | Elena Meirzadeh, Dept of Material Sciences and Interfaces | Or Szekely, Dept of Chemical Physics | Daniella Goldfarb, Dept of Chemical Physics, President's advisor for advancing women in science
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