



WEDNESDAY, MARCH 15, 2023

INTERNATIONAL DAY OF WOMEN IN SCIENCE

The David Lopatie Conference Centre
Weizmann Institute of Science

All members of the campus community are invited to a celebration of women scientists at the Weizmann Institute of Science, which will feature short, popular lectures across a range of fields

8:30 **Gathering**

9:00 **Greetings**

Prof. Idit Shachar | Head, Office for the Advancement of Women in Science and Gender Equality, Weizmann Institute of Science

Prof. Roei Ozeri | Vice President for Development and Communications

Session 1 | Chair: Yuval Shapir

9:15 **Eliya Milshtein** | Department of Plant and Environmental Sciences
Engineering and Evolving Microbes in the Quest For Carbon Neutral Bio-Production

9:30 **Hagar Rotem** | Department of Systems Immunology
Bispecific Antibodies Increase the Therapeutic Window of Cd40 Treatment

9:45 **Dr. Julia Magdalena Majewska** | Department of Molecular Cell Biology
Immune Checkpoint Keeps Senescent Cells Alive

10:00 **Adi Hazak** | Department of Biomolecular Sciences
The Enigma of Cell Fusion in Muscle Development and Regeneration

10:15 **Yael Gropper** | Department of Immunology and regenerative biology
Tooth Autoimmunity: From Broken Central Tolerance to Broken Teeth

10:30 **Dr. Shelley Rap** | Department of Science Teaching
Chemistry Education and the Sustainable Development Goals: Achieving Global Impact Through Local Action

10:45 **Coffee Break**

Session 2 | Chair: Hila Dahari

11:15 **Dr. Tirza Biron** | Department of Computer Science and Applied Mathematics
Automatic Detection of Non-Verbal Information in Speech

11:30 **Linor Balilti Torgman** | Department of Brain sciences
Calcium Imaging-Based Brain Computer Interface to Investigate Long-Term Neuronal Code Dynamics

11:45 **Odelia Melamed** | Department of Computer Science and Applied Mathematics
The Dimpled Manifold Model of Adversarial Examples in Machine Learning

12:00 **Dr. Tamar Kashti** | Department of Computer Science and Applied Mathematics
Deepcut: Unsupervised Segmentation Using Graph Neural Networks Clustering

12:15 **Alona Faktor** | Department of Computer Science and Applied Mathematics
Human-Like Scene Interpretation by a Guided Counter-Streams Processing

12:30 **Lunch**

Session 3 | Chair: Yahel Soffer

13:30 **Adi Cohen** | Department of Chemical and Biological Physics
Unleashing the Dynamic Paradigm: When Interatomic Springs Break

13:45 **Gal Raviv** | Department of Chemical and Structural biology
Multivalent and Self-Assembled Bio-Synthetic Probes as Novel High Affinity Drugs

14:00 **Noga Levinson** | Department of Molecular Chemistry and Materials Science
Electrochromic Materials for Implementation of New Technologies

14:15 **Darina Zavazieva** | Department of Particle Physics and Astrophysics
Developing Particle Detectors for Future Collider Experiments

14:30 **Dr. Leeju Leeju** | Department of Physics of Complex system
Solid State Quantum Optical Network Components with Nickel Centers

14:45 **Danielle Gov** | Department of Condensed Matter
Unlocking The Power of Quantum Computing: Current State and Future Directions

15:15 **End of day Yoga Celebration**

Sharon Dar | Faculty of Mathematics and Computer Science.
**Please bring comfortable clothes*

Host

Prof. Idit Shachar | Head, Office for the Advancement of Women in Science and Gender Equality



Registration

<https://tinyurl.com/mfkjb5yn>

Conference Coordinator & Accessibility Issues

Irit Veksler ✉ irit.veksler@weizmann.ac.il

Organizing Committee

Hila Dahari
Department of Computer Science and Applied Mathematics

Yuval Shapir
Department of Systems Immunology

Yahel Soffer
Department of Physics of Complex Systems

Limor Rimon
Office for the Advancement of Women in Science and Gender Equality