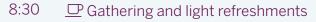
# The 4th International Day of Women in Science

Hosted by the Office for the Advancement of Women in Science and Gender Equality

## March 4, 2025



9:00

9:30

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

**Prof. Ziv Reich** Vice President of the Weizmann Institute of Science

#### **SESSION 1** Chair: Zohar Persky

9:15 Dr. Noa Lavi-Shoseyov | Department of Immunology and Regenerative Biology Maintenance of the ovarian follicular reserve

> **Sonia Oren** | Department of Biomolecular Sciences Pipecolic acid secreted by the malaria parasite promotes its growth

9:45 **Nofar Yehuda** | Department of Plant and Environmental Sciences Understanding marine aggregation: A synthetic community approach

Talia Shaler | Department of Plant and Environmental Sciences 10:00 Exploring the transcriptomic landscape of phytoplankton resistance to lytic viral infection

10:15 Ron Carmel Vinestock | Department of Molecular Genetics From tendon to bone, unraveling the molecular complexity of the enthesis

10:30 **Dr. Debasmita Ghosh** | Department of Biomolecular Sciences Investigating protein interactions directly from human cell lysates: A novel direct-MS approach

Lital Ben Moyal | Department of Immunology and Regenerative Biology 10:45 MRI-Based monitoring of iron deficiency in the maternal-fetal unit

11:00 Coffee break

#### SESSION 2 Chair: Gal Raviv

11:30 **Dr. Eynat Haviv** | Department of Molecular Chemistry and Materials Science Guest transition metals in host keplerate nanocapsules as inorganic functional mimics of monooxygenase enzymes

11:45 **Elena Rogoulenko** | Department of Chemical and Structural Biology A mystery in protein-DNA matching: Fast search leads to slow recognition

12:00 **Noga Liberty-Levi** Department of Earth and Planetary Sciences The role of ocean processes in future climate changes

12:15 **Dr. Natalia Gloriozova** | Department of Molecular Chemistry and Materials Science Nitrogen-containing compounds: a promising alternative to oxides as functional materials

Paula Carolina Kotli | Scientific Archaeology 12:30 Enamel Chronicles: Decoding the neolithic world through palaeoproteomics



Yael Noy | Department of Molecular Genetics Changing colors: Unraveling the molecular and structural mechanisms of zebrafish chromatophore plasticity

13:00 Lunch break

#### SESSION 3 Chair: Ariel Shaulker & Nitzan Kahn

13:45 SPECIAL GUEST LECTURE

> MD. Hila Korach | Journalist "The voice in our heads"

**Chaya Halperin** | Department of Physics of Complex Systems 14:15 Topological defects in colloidal smectic liquid crystals

14:30 Odelia Melamed | Department of Computer Science and Applied Mathematics Forget about me - unlearning in neural networks

14:45 Michal Hartstein | Department of Molecular Chemistry and Materials Science

> Predicting and understanding color polymorphism in ROY from first principles

15:00 **Dr. Tanim Firdoshi** | Department of Physics of Complex Systems Room temperature probabilistic CNOT gate with synchronized photons

15:30 End of day Yoga

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



### 面法推翻 Registration

### **Hosts**

#### **Prof. Idit Shachar**

Head, Office for the Advancement of Women in Science and Gender Equality

#### **Limor Rimon-Madhala**

Office for the Advancement of Women in Science

#### **Organizing Committee**

#### **Hadar Nasi**

Department of Molecular Chemistry and Materials Science

#### **Gal Raviv-Franco**

#### Department of Chemical and Structural Biology

#### **Ariel Shaulker**

Nitzan Kahn

Department of Computer Science and Applied Mathematics

Department of Condensed Matter Physics

**Conference Coordinator & Accessibility Issues** 

May Bender 

maybe@weizmann.ac.il

maybe@weizmann.ac.il