



TUESDAY, MARCH 8, 2022

INTERNATIONAL WOMEN IN SCIENCE DAY CONFERENCE

09:00-16:00

THE DAVID LOPATIE CONFERENCE CENTRE

A celebration of women scientists & students at the Weizmann Institute of Science, featuring short and popular lectures in various 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

Opening Remarks

Prof. Alon Chen | President, Weizmann Institute of Science

Prof. Rachel Erhard | Head, National program –Women University Professor's - for gender equity

Session 1 | Chair: Shiri Dishon

9:15 **Tal Dahan** | Department of Plant and Environmental Sciences
Biodiversity conservation in the face of climate change

9:30 **Eden Yifrach** | Department of Molecular Genetics
Pizza dough and 'orphan' disorders – how can yeast be used to better understand orphan diseases?

9:45 **Dr. Hema Kuntrapakam** | Department of Molecular Chemistry and Materials Science
Chirality in nature

10:00 **Shakked Schwartz** | Department of Molecular Chemistry and Materials Science.
Understanding the battery bottleneck - probing ion dynamics at the electrolyte-electrode interface using NMR spectroscopy

10:15 **Dima Azaiza-Dabbah** | Department of Molecular Chemistry and Materials Science
Molecular transition metal oxide electrocatalysts for the reversible carbon dioxide-carbon monoxide transformation

10:30 **Break**

Session 2 | Chair: Hila Dahari

11:00 **Chen Amiraz** | Department of Computer Science and Applied Mathematics
How a thousand little failures can turn into success (or: distributed estimation under communication constraints)

11:15 **Celine Hue** | Department of Physics of Complex Systems
Exploring the fundamental physics law by laser-plasma interactions

Host

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



Registration

erez.weizmann.ac.il/pls/htmldb/f?p=101/login///NO//P101_PKNS_CODE/2217

Conference Coordinator & Accessibility Issues

Inbal Azoulay ✉ inbal.azoulay@weizmann.ac.il

11:30 **Gil Goffer** | Department of Mathematics
(Non)-applied Mathematics?

11:45 **Rachel Bruch** | Department of Particle Physics & Astrophysics
Flash spectroscopy and the environment of massive stars: what we can learn from the first week of a supernova.

12:00 **Sapir Sela** | Department of Brain Sciences
Post-developmental roles of the netrin receptor UNC-40/DCC in health and disease

12:30 **Lunch Break**

Session 3 | Chair: Asya Svirinovsky

13:30 **Dr. Hagit Shapiro** | Department of Immunology
Gut microbiota modulates weight gain in mice after discontinued smoke exposure

13:45 **Dr. Romina Plitman Belilty** | Department of Biological Regulation
The Placenta - the tree of life

14:00 **Prof. Ron Blonder** | Department of Science Teaching
From face-to-face to remote mode: students and teachers participation in an authentic outreach activity with the Scanning Electron Microscope

14:15 **Dr. Amrutha Swaminathan** | Department of Molecular Cell Biology
Blunt the immune response to become resilient to stress

14:30 **Maren Weissenfels** | Department of Molecular Chemistry and Materials Science
Mimicking nature's dynamic self-assembly

14:45 **Ron Carmel Vinestock** | Department of Molecular Genetics
Non-inflammatory entheses healing involves acellular scar formation through ECM secretion by resident cells

15:15 **End of day Yoga Celebration**
Sharon Dar | Faculty of Mathematics and Computer Science.
**Please bring comfortable clothes and a Yoga mat*

Organizing Committee

Hila Dahari
Department of Computer Science and Applied Mathematics

Shiri Dishon
Department of Molecular Chemistry and Materials Science

Asya Svirinovsky
Department of Molecular Chemistry and Materials Science

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