

Mini Symposium: Sustainable Energy Goes to School  
Wednesday, June 21st, 2017  
The David Lopatie Conference Centre  
Weizmann Institute of Science

- 09:15-09:45 Gathering and light refreshments
- 09:45-10:00 Opening Remarks  
**Dr. Elon Langbeim**, Department of Science Teaching, Weizmann Institute of Science
- 10:00-11:15 **Panel I**  
**Sustainable Energy: Scientific Principles and Environmental Challenges**  
Chair: **Prof. Ron Milo**, Department of Plant and Environmental Sciences, Weizmann Institute of Science
- ◆ Energy Use in Society: Constraints from Simple Physics  
**Prof. Peter Rez**, Department of Physics, Arizona State University
  - ◆ Sustainable Energy in Israel: Experience and perspective  
**Dr. Avraham Arbib**, Deputy Chief Scientist (retired), Ministry of National Infrastructures, Energy and Water Resources
  - ◆ Summary and Discussion  
**Prof. Jacob Karni**, Department of Earth and Planetary Sciences, Weizmann Institute of Science
- 11:15-11:30 Coffee break
- 11:30-13:00 **Panel II**  
**Bringing Sustainable Energy Topics into the Introductory Science Curriculum**  
Chair: **Prof. Edit Yerushalmi**, Department of Science Teaching, Weizmann Institute of Science
- ◆ Lessons Learned from an online Sustainable Energy course for non-science majors  
**Prof. Avraham Kribus**, School of mechanical engineering, Tel Aviv University
  - ◆ Is Energy 'Green'? Thinking about energy concepts in light of sustainability  
**Prof. Yaron Lehavi**, David Yellin College for Education and Weizmann Institute of Science
  - ◆ Chemistry Education and Sustainable Energy - Lesson from the "Irresistible" project  
**Prof. Ron Blonder**, Department of Science Teaching, Weizmann Institute of Science
  - ◆ Doubts regarding the teaching of energy in the introductory science classroom  
**Prof. David Fortus**, Department of Science Teaching, Weizmann Institute of Science
  - ◆ Discussion and Closing Remarks  
**Prof. Bat-Sheva Eylon**, Department of Science Teaching, Weizmann Institute of Science

Organizer:  
Dr. Elon Langbeim  
Department of Science Teaching, Weizmann Institute of Science



יום רביעי, 21 ביוני, כ"ז בסיוון, תשע"ז  
מרכז הכנסים ע"ש דוד לופאטי  
מכון ויצמן למדע



המרכז הארצי  
למורי הפיזיקה

