

Green Photonics Symposium at Technion

April 23-24, 2014 Kogan Auditorium, EE Building

Organized by the Russell Berrie Nanotechnology Institute at Technion
and the Center for Nano Photonics at the Technical University of Berlin.

Funded by the Reinhard Frank Foundation.

The symposium will address the most pressing issues facing the computer and telecommunication industries as well as research communities:

The large energy consumption associated with the ever increasing internet use and the lack of efficient renewable energy sources to support it.

- Energy Problems in data-com systems
- Energy problems in computers: from systems to the chip level
- Advanced solar energy harvesting

Wednesday, April 23rd

9:30-9:45	Opening remarks
DATAKOM	
9:45-10:30	Shai Cohen, <i>Mellanox</i>
10:30-11:00	James A. Lott, <i>Technical University Berlin</i>
11:00-11:15	Coffee Break
11:15-11:45	Moshe Nazarathy, <i>Technion</i>
11:45-12:15	Juerg Leuthold, <i>ETH Zurich</i>
12:15-13:30	Lunch Break
COMPUTERS I	
13:30-14:15	Mark A. Taubenblatt, <i>IBM York Town Heights NY</i>
14:15-14:45	Uri Weiser, <i>Technion</i>
14:45-15:15	Eli Yablonovitch, <i>UC Berkeley</i>
15:15-15:30	Coffee Break
ENERGY	
15:30-16:00	Claude Weisbuch, <i>Ecole Polytechnique Paris and UC Santa Barbara</i>
16:00-16:30	Avner Rothschild, <i>Technion</i>
16:30-17:00	Frederico Capasso, <i>Harvard University</i>

Thursday, April 24th

COMPONENTS	
9:30-10:00	Alfredo De Rossi, <i>Thales R&D Palaiseau France</i>
10:00-10:30	Meir Orenstein, <i>Technion</i>
10:30-10:45	Coffee Break
10:45-11:15	Dejan Arsenijevic, <i>Technical University Berlin</i>
11:15-11:45	Nir Tessler, <i>Technion</i>
11:45-13:00	Lunch Break
COMPUTERS II	
13:00-13:30	Keren Bergman, <i>Columbia University</i>
13:30-14:00	Avinoam Kolodny, <i>Technion</i>
14:00-14:30	Yakov Roizin, <i>Tower Jazz</i>
14:30-15:00	Coffee Break
ENERGY II	
15:00-15:30	Eli Yablonovitch, <i>UC Berkeley</i>
15:30-16:00	Dan Oron, <i>Weizmann Institute of Science</i>
16:00-16:30	Koby Scheuer, <i>Tel Aviv University</i>
16:30-17:00	Stephen Forrest, <i>University of Michigan</i>