

Green Photonics Symposium at Technion

April 23-24, 2014

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

DATA COM

Shai Cohen, *Mellanox*
James A. Lott, *Technical University Berlin*
Moshe Nazarathy, *Technion*
Juerg Leuthold, *ETH Zurich*

COMPUTERS I

Mark A. Taubenblatt, *IBM York Town Heights NY*
Uri Weiser, *Technion*
Eli Yablonovitch, *UC Berkeley*

ENERGY I

Claude Weisbuch, *Ecole Polytechnique Paris
and UC Santa Barbara*
Avner Rotschild, *Technion*
Frederico Capasso, *Harvard University*

Thursday, April 24th

COMPONENTS

Alfredo De Rossi, *Thales R&D Palaiseau France*
Meir Orenstein, *Technion*
Dejan Arsenijevic, *Technical University Berlin*
Nir Tessler, *Technion*

COMPUTERS II

Keren Bergman, *Columbia University*
Avinoam Kolodny, *Technion*
Yakov Roizin, *Tower Jazz*

ENERGY II

Eli Yablonovitch, *UC Berkeley*
Dan Oron, *Weizmann Institute of Science*
Koby Scheuer, *Tel Aviv University*
Stephen Forrest, *University of Michigan*

Registration

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