Optical Communications Symposium

The Advanced Communication Center, Tel-Aviv University
December 17, 2007, 9:00 AM
Wolfson Computer Engineering Building, Rosenblatt Auditorium

Moderated by Prof. Ady Arie and Prof. Mark Shtaif

8:30 – 9:00	Registration and coffee
9:00 – 9:10	Opening remarks
9:10 – 10:00	Plenary 1: **Dr. Robert Tkach**, Bell Laboratories, Alcatel-Lucent, USA *"Technologies for a Renaissance in Optical Communications"*
10:00 – 10:30	**Dr. Dan Marom**, The Hebrew University, *"Enabling Devices using MicroElectroMechanical System (MEMS) Technology for Optical Networking"*
10:30 – 11:00	*Coffee break*
11:00 – 11:30	**Prof. Moshe Tur**, Tel-Aviv University, *"Microwave photonics: Leveraging communications technologies to radar applications"*
11:30-12:00	**Dr. Uri Ghera** , Red-C, *"Optical amplification in long reach, reconfigurable optical networks"*
12:00 – 12:30	**Dr Uri Mahlab**, ECI Telecom and Holon Inst. Tech., *"From chain topology to mesh architecture in optical networks"*
12:30 – 13:30	*Lunch break*
13:30 14:20	Plenary 2: **Prof. Alan Willner**, University of Southern California, USA *"Robust and Reconfigurable Optical Communication Systems"*
14:20 – 14:50	**Dr. Zeev Zalevsky**, Bar-Ilan University, *"Photonic devices and modules for data processing, analyzing and monitoring in optics communication links"*
14:50 – 15:20	*Coffee break*
15:20 – 15:50	**Prof. Shlomi Arnon** ,Ben-Gurion University, *"Communication over the next generation of LED illumination system"*
15:50 – 16:20	**Prof. Moshe Nazarathy**, Technion, *"Self-Coherent Differential Detection and Field Reconstruction"*
16:20 – 16:50	**Dr. Jacob Scheuer**, Tel Aviv University, *"Integrated optics Slow light structures for optical communications"*
16:50 – 17:00	Concluding remarks
17:00 – 17:30	*Light refreshments, wine*

Updates, details and registration at http://www.acc-tau.co.il
The symposium is free of charge, but advance registration is appreciated.