

Advanced Communications Center Antennas Mini-Symposium

Thursday, November 10th, 2011, Rosenblatt Auditorium, School of Electrical Engineering, Tel Aviv University

09:20 – 09:50	Registration & Coffee
09:50 – 10:00	Welcome notes Prof. Ehud Heyman • Dean, Faculty of Engineering, Tel Aviv University Prof. Amir Boag • Head, ACC
10:00 – 11:00	Prof. Jin-Fa Lee • Ohio State University • IEEE Distinguished Lecturer Keynote: Non-conformal domain decomposition methods for modeling antennas with exotic materials mounted conformally on platforms
11:00 – 11:20	Dr. Amir Shlivinski • Ben Gurion University Characterization of the energy radiation pattern of a transient antenna array
11:20 – 11:40	Coffee Break
11:40 – 12:40	Prof. B. Shanker • Michigan State University • 2011/12 TAU Sackler Lecturer Keynote: Generalized method of moments: A novel adaptive (geometry and basis) framework for analyzing scattering from complex objects
12:40 – 13:00	Zeev Iluz, Prof. Amir Boag • Tel Aviv University UWB nano-antennas
13:00 – 14:00	Lunch on Site
14:00 – 15:00	Prof. Stefano Maci • University of Siena Keynote: Metasurface antennas
15:00 – 15:20	Yakir Hadad, Yarden Mazor, Prof. Ben Z. Steinberg • Tel Aviv University One-way plasmonic waveguides and perfectly matched non-reciprocal nano-antennas
15:20 – 15:40	Dana Szafranek, Prof. Yehuda Leviatan • Technion Modal analysis of chains of metallic nanowires in layered media with the Source-Model Technique
15:40 – 16:00	Coffee Break & Refreshments
16:00 – 16:20	Aviv Shachar • Motorola Design review for internal antennas inside rugged device (public safety area)
16:20 – 16:40	Prof. Reuven Shavit • Ben Gurion University Radiation characteristics of a patch antenna with small ferrite disks inserted in its cavity domain
16:40 – 17:00	Yael Kaldor • RAFAEL Robust design and optimization using modeFRONTIER
17:00 – 17:20	Ofer Markish • Wilocity A wide-band phased array for 60GHz applications
17:20 – 17:40	Prof. Raphael Kastner, Dr. Eran Socher • Tel Aviv University The "Receiving Antenna Paradox" – or is it?
17:40 –	Wine & Cheese Reception

Symposium is free of charge, but advance registration is required at acc@eng.tau.ac.il