



Advanced Communications Center Antennas Mini-Symposium

Thursday, November 21, 2013

Rosenblatt Auditorium, Software Engineering Building, Faculty of Engineering, Tel Aviv University

09:20-09:50	Registration & coffee
09:50-10:00	Opening remarks - Prof. Ehud Heyman • Dean of Engineering Prof. Amir Boag • Head of ACC
10:00-11:00	Prof. Prabhakar Pathak • Ohio State University Keynote: Developments in the UTD Ray Method for Solving EM Wave Problems - Past and Present
11:00-11:30	Prof. Ehud Heyman • Tel Aviv University Keynote: Airy Beams and Airy Pulsed Beams
11:30-11:50	Coffee Break
11:50-12:20	Prof. Christine Letrou • Telecom SudParis Keynote: Frame Based Beam Launching for 3D Field Simulations in Urban Environments
12:20-12:40	Zeev Iluz, Prof. Amir Boag • Tel Aviv University & CST UWB Nano-Antennas
12:40-13:00	Lev Pazin, Prof. Yehuda Leviatan • Technion Reconfigurable Slot Antenna for Cognitive Radio Applications
13:00-14:00	Lunch on site
14:00-15:00	Prof. Stefano Maci • University of Siena Keynote: MetaSurface Transformation Theory
15:00-15:20	Doron Cohen, Prof. Reuven Shavit • Ben Gurion University Constitutive Parameter Extraction of Artificial Materials Based on Metamaterial Technology Using Scattering Coefficients Measured at Oblique Incidence
15:20-15:40	Prof. Raphael Kastner • Tel Aviv University Towards an Infinitely Thin Absorbing Material
15:40-16:00	Coffee Break & Refreshments
16:00-17:00	Prof. Giuseppe Vecchi • Politecnico di Torino Keynote: Multi-Scale Electromagnetic Simulation
17:00-17:20	Lucia Scialacqua and Dr. Lars Foged • Microwave Vision Group Characterization of Small Antennas on Electrically Large Structures Using Measured Sources and Advanced Numerical Modeling
17:20-17:40	Noam Kaminski, Dan Corcos, Danny Elad, Thomas Morf, Bernard Klein • IBM Haifa Research Labs Light Weight Antenna Coupled Bolometer for THz Detection
17:40 -	Wine and Cheese Reception

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