

Antennas Mini-Symposium

Thursday, December 3, 2015

Jaglom Auditorium, Senate Building, Tel Aviv University

09:20-09:50	Registration & Coffee
09:50-10:00	Opening remarks: Prof. Yossi Rosenwaks • Dean of Engineering, Dr. Ofer Shayevitz, Prof. Raphael Kastner, Prof. Amir Boag
10:00-11:00	Prof. Mats Gustafsson • Lund University Keynote: Convex Optimization for Optimal Design and Analysis of Small Antennas
11:00-11:30	Prof. Amir Boag • Tel Aviv University Fast Physical Optics Algorithms
11:30-11:50	Coffee break
11:50-12:10	Yarden Mazor, Dr. Yakir Hadad, and Prof. Ben Steinberg • Tel Aviv University Laterally Asymmetric Particle Arrays for Enhanced Non-reciprocity and One-way Guiding
12:10-12:30	Dr. Everett Farr • Farr Fields, LC Keynote: The Power Wave Theory of Antennas
12:30-12:50	Dr. Yaniv Brick and Prof. Ali Yilmaz • The University of Texas at Austin Fast Low-Rank Approximation of Impedance Matrix Blocks
12:50-14:00	Lunch break
14:00-14:30	Prof. Ehud Heyman • Tel Aviv University The Propagating Frame: a Novel Framework for Wave Tracking Through Rough Medium and Inverse Scattering
14:30-14:50	Prof. Timor Melamed • Ben Gurion University Stochastic Methods for Large Non-linear Inverse Scattering
14:50-15:10	Anton Kogan, Prof. Reuven Shavit • Ben Gurion University Scattering Analysis of Thin Wire Based Metamaterials for Microwave Applications
15:10-15:30	Prof. Raphael Kastner • Tel Aviv University The Scattered Pseudo-Power and the Optical Theorem
15:30-15:50	Coffee break
15:50-16:10	Zeev Iluz and Tilmann Wittig • CST AG Multiphysics Simulation for Medical Applications
16:10-16:30	Vladimir Vulfin and Shai Sayfan-Altman • EM Infinity and ANSYS Design of Antennas for Operation in the Human Body
16:30-16:50	L. J. Foged, A. Riccardi, G. Pinchuk, R. Braun, M. Boumans, P.O. Iversen, A. Giacomini • Orbit/FR - Microwave Vision Group Reduction of the Cross Polarization Component in the Quiet Zone of a Single Reflector CATR
16:50-17:10	Gil Elram • Keysight Technologies Reducing Validation/Maintenance Test Times for Phased Array/Horn Antennas
17:10 -	Wine and Cheese Reception

Symposium is free of charge, but advance registration is required at AntennasTAU@gmail.com