

Advanced Communications Center Antennas Mini-Symposium

Monday, July 30, 2012

Rosenblatt Hall, School of Electrical Engineering, Tel Aviv University

09:20-09:50	Registration & coffee
09:50-10:00	Opening remarks - Prof. Amir Boag • Head, ACC
10:00-11:00	Prof. Jianming Jin • University of Illinois at Urbana-Champaign Keynote: Finite element analysis of antennas and phased arrays in the time domain
11:00-11:20	Dr. Amir Shlivinski • Ben Gurion University A time domain antenna characterization: The Scattering Dyad
11:20-11:40	Coffee Break
11:40-12:40	Prof. Jianming Jin • University of Illinois at Urbana-Champaign Keynote: Domain decomposition methods for FEM modeling of large-scale phased arrays
12:40-13:00	Prof. Amir Boag • Tel Aviv University Generalized equivalence analysis of electromagnetic scattering
13:00-14:00	Lunch on site
14:00-15:00	Prof. Ovidio Bucci • University of Naples Federico II Keynote: Sparse active array for satellite communications
15:00-15:20	Yakir Hadad, Yarden Mazar, Prof. Ben Z. Steinberg • Tel Aviv University Green's function theory for one-way particle chains
15:20-15:40	Prof. Reuven Shavit • Ben Gurion University Wide band and high gain planar antenna array with a suspended stripline feeding network
15:40-16:00	Coffee Break & Refreshments
16:00-16:20	Omer Asaf • Intel Tapered slot phased array antenna and mobile platform integration for 60GHz wireless applications
16:20-16:40	Dr. Lars Foged • Microwave Vision Group Advanced echo-cancellation techniques for near-field antenna measurements
16:40-17:00	Yaacov Remez • Technion Single layer wideband 8x8 printed Butler matrix
17:00-17:20	Dr. Eran Socher, Prof. Raphael Kastner • Tel Aviv University Structural scattering from large receiving apertures – a Poynting and Optical Theorems development
17:20 -	Wine and Cheese Reception

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