

# Advanced Communications Center Antennas Mini-Symposium

Monday, July 30, 2012

Rosenblatt Hall, School of Electrical Engineering, Tel Aviv University

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

Symposium is free of charge, but advance registration is required at [acc@eng.tau.ac.il](mailto:acc@eng.tau.ac.il)