

# Advanced Communications Center Antennas Mini-Symposium

Thursday, November 6, 2014

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

<b>09:20-09:50</b>	<b>Registration &amp; coffee</b>
<b>09:50-10:00</b>	Opening remarks - Prof. Yossi Rosenwaks • Dean of Engineering Prof. Amir Boag • Head of ACC
<b>10:00-11:00</b>	Prof. Kwok Wa Leung • City University of Hong Kong <b>Keynote:</b> Transparent Antennas: from 2D to 3D
<b>11:00-11:20</b>	Zeev Iluz and Prof. Amir Boag • Tel Aviv University & CST New Refractive Index Optical Sensor Based on Scan-blindness in Large Nano-antenna Arrays
<b>11:20-11:40</b>	<b>Coffee Break</b>
<b>11:40-12:40</b>	Prof. Karl Warnick • Brigham Young University <b>Keynote:</b> Ultra-high Efficiency Phased Arrays for Astronomy and Satellite Communications
<b>12:40-13:00</b>	Ofer Markish and Prof. Yehuda Leviatan • Technion A Figure of Merit for Evaluating THz Bolometer Antennas
<b>13:00-14:00</b>	<b>Lunch on site</b>
<b>14:00-15:00</b>	Prof. Alexander Yakovlev and Hossein M. Bernety • The University of Mississippi <b>Keynote:</b> Reduction of Mutual Coupling in Neighboring Strip Antennas with Elliptical Metasurface Cloaks
<b>15:00-15:20</b>	Prof. Reuven Shavit • Ben Gurion University Planar Printed Ka band Antenna for Satellite Communication Based on Metamaterial Technology
<b>15:20-15:40</b>	Prof. Raphael Kastner , Ron Peleg, Shlomo Zach and Yehoshua Gazit • Tel Aviv University Array Thinning and Aperture Sharing
<b>15:40-16:00</b>	<b>Coffee Break &amp; Refreshments</b>
<b>16:00-17:00</b>	Prof. Levent Gurel • Bilkent University <b>Keynote:</b> Fast Algorithms and Parallel Computing: Solution of Extremely Large Real-Life Problems in Electromagnetics
<b>17:00-17:20</b>	Samuel Jameson and Dr. Eran Socher • Tel Aviv University 300 GHz CMOS Integrated Radiating Sources
<b>17:20-17:40</b>	Matan Leibovich and Prof. Ehud Heyman • Tel Aviv University Beam Domain Formulation for Wave Propagation in Weakly Rough Media
<b>17:40 -</b>	<b>Wine and Cheese Reception</b>

Participation is free of charge, but advance registration is required at [kerenbm@tauex.tau.ac.il](mailto:kerenbm@tauex.tau.ac.il)