

# Antenna Symposium

Thursday, November 10, 2016

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

09:20-09:50	<b>Registration &amp; Coffee</b>
09:50-10:00	<b>Opening remarks: Prof. Yossi Rosenwaks • Dean of Engineering, Dr. Ofer Shayevitz, Prof. Amir Boag</b>
10:00-11:00	<b>Prof. Andrea Massa • University of Trento</b> <b>Keynote: Unconventional Array Design - Fundamental and Advances</b>
11:00-11:20	<b>Alex Gergel and Prof. Amir Boag • TAU</b> Fast Algorithms for Antenna Diagnostics
11:20-11:40	<b>Coffee break</b>
11:40-12:00	<b>Yarden Mazor and Prof. Ben Steinberg • TAU</b> Left-Handedness in Particle Arrays for Leaky-Wave Antennas
12:00-12:20	<b>Dr. Yakir Hadad • TAU</b> Time Modulation for Violation of Fundamental Bounds in Antenna Theory
12:20-12:40	<b>Dr. Pavel Ginzburg • TAU</b> Antennas as Emulation Tools for Complex Nanophotonic Phenomena
12:40-13:00	<b>Prof. Timor Melamed and Dr. Amir Shlivinski • BGU</b> Custom-made Caustic Beams
13:00-14:00	<b>Lunch break</b>
14:00-15:00	<b>Prof. George Hanson • University of Wisconsin Milwaukee</b> <b>Keynote: Two-Dimensional Materials and Electromagnetic Applications</b>
15:00-15:20	<b>Ori Avayu and Dr. Tal Ellenbogen • TAU</b> Optical Frequency Selective Surfaces for Functional Light Shaping and Manipulation
15:20-15:40	<b>Eran Falek and Prof. Reuven Shavit • BGU</b> Design of Flat Lenses Using Dielectric Rods
15:40-16:00	<b>Prof. Maokun Li • Tsinghua University</b> <b>Keynote: Quasi-periodic Modeling Using Reduced Basis Method</b>
16:00-16:20	<b>Coffee break</b>
16:20-16:40	<b>Per Iversen • MVG</b> Extending Practical Antenna Measurements from Millimeter Waves to THz
16:40-17:00	<b>Ram Tuvi, Prof. Timor Melamed, and Prof. Ehud Heyman • TAU and BGU</b> Local Time-domain Diffraction Tomography Using Pulsed Beam Processing
17:00-17:20	<b>Naor Shay, Prof. Daniel S. Weile and Prof. Raphael Kastner • TAU and University of Delaware</b> Conditioning of Electric Field Integral Equations
17:20-17:40	<b>Ofer Markish and Prof. Yehuda Leviatan • The Technion</b> Analytical Model for Absorption by Lossy Finite-Length Dipole Antennas
17:40-18:00	<b>Dr. Zeev Iluz • Partner of CST AG</b> Characteristic Mode Analysis of a Compact Planar Broadband Antenna
18:00-18:20	<b>Vladimir Vulfin • EM Infinity and ANSYS</b> Antenna Design Using Periodic Structures
18:20 -	<b>Wine and Cheese Reception</b>

Symposium is free of charge, but advance registration is required at [AntennasTAU@gmail.com](mailto:AntennasTAU@gmail.com)