

# The 9<sup>th</sup> TAU Antenna Symposium

Thursday, March 28, 2019

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

<b>09:00-09:50</b>	<b>Registration &amp; Coffee</b>
<b>09:50-10:00</b>	<b>Opening remarks: Prof. Yossi Rosenwaks • Dean of Engineering Prof. Amir Boag, Dr. Yakir Hadad</b>
<b>10:00-11:00</b>	<b>Prof. Christophe Caloz • Ecole Polytechnique de Montreal Keynote: Space-Time Metamaterials for Unprecedented Wave Manipulations</b>
<b>11:00-11:20</b>	<b>Dr. Amir Shlivinski and Dr. Yakir Hadad • BGU and TAU Space, Time, and Space-Time Discontinuities in Transmission-Lines</b>
<b>11:20-11:40</b>	<b>Coffee break</b>
<b>11:40-12:00</b>	<b>Dr. Yaniv Brick • BGU Fast Rank Revealing for Impedance Matrix Blocks</b>
<b>12:00-12:20</b>	<b>V. Kozlov, R. Komissarov, A. Shmidt, D. Filinov, and Dr. Pavel Ginzburg • TAU Partially Coherent Radar</b>
<b>12:20-12:40</b>	<b>Arkadi Sharshevsky, Dr. Yaniv Brick, and Prof. Amir Boag • BGU and TAU Generalized Source Integral Equations</b>
<b>12:40-13:00</b>	<b>Prof. Raphael Kastner and Prof. Nader Engheta • TAU and UPenn Halfway Duality in Maxwell's Equations and the Fractional Curl Operator</b>
<b>13:00-14:00</b>	<b>Lunch break</b>
<b>14:00-15:00</b>	<b>Prof. Fan Yang • Tsinghua University Keynote: Surface Electromagnetics: Physics Exploration and Engineering Applications</b>
<b>15:00-15:20</b>	<b>Dr. Sherman W. Marcus, and Dr. Ariel Epstein • Technion Fabry-Perot Huygens' Metasurfaces: Synthesis and Analysis</b>
<b>15:20-15:40</b>	<b>Ofer Markish, Daniel Silberstein, and Prof. Yehuda Leviatan • Technion Impedance Matching of Lossy Antennas for Power Absorption Maximization: Analysis and Experimental Validation</b>
<b>15:40-16:00</b>	<b>Dr. Yakir Hadad • TAU Excitation Dynamics in PT-Symmetric Media</b>
<b>16:00-16:20</b>	<b>Coffee break</b>
<b>16:20-16:40</b>	<b>Naftali Chayat • Vayyar Broadband Antennas for Microwave Imaging</b>
<b>16:40-17:00</b>	<b>Vladimir Vulfin and Prof. Reuven Shavit • EM Infinity and BGU Antenna Array Design for Ablation Application</b>
<b>17:00-17:20</b>	<b>Lior Shmidov and Roni Braun • Orbit/FR Compact Antenna Test Range with New Shorter Focal Length for Heavy Duty Antenna Measurements</b>
<b>17:20-17:40</b>	<b>Davide Tallini • SIMULIA Dassault Systemes (CST) Antenna Design for a Connected Home Multimedia Device</b>
<b>17:40 -</b>	<b>Wine and Cheese Reception</b>

Symposium is free of charge, but advance registration is required at [TAU ANT CONF](#)

