



# The 6<sup>th</sup> Tel Aviv University Underwater Acoustics Symposium

## Thursday, June 15<sup>th</sup>, 2017

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

09:00-10:00	<b>Registration &amp; coffee</b>
10:00-10:10	Welcome and Opening Remarks Prof. Yossi Rosenwaks • Dean of Engineering, Tel Aviv University Prof. Amir Boag • Underwater Acoustics Research Center
10:10-11:10	Prof. Oleg Godin • Naval Postgraduate School <b>Keynote:</b> Anomalous transmission of low-frequency sound through the air-water interface
11:10-11:30	<b>Coffee Break</b>
11:30-11:55	Prof. Ehud Heyman • Tel Aviv University The Pulsed-Beam Frame: A Novel Formulation for Time-Dependent Radiation and Scattering
11:55-12:20	Mr. Yoav Vered and Prof. Izhak Bucher • The Technion Underwater acoustic properties estimation in presence of coupled fluid-solid impedance tube
12:20-12:45	Prof. Anthony Weiss • Tel Aviv University Employing Ambient Noise for Array Parameter Estimation
12:45-13:45	<b>Lunch on site (Dairy)</b>
13:45-14:45	Prof. Purnima Ratilal – Makris • Northeastern University <b>Keynote:</b> Passive ocean acoustic waveguide remote sensing of oceanic ecosystems, geophysical processes and man-made activities
14:45-15:10	Prof. Joseph Tabrikian • Ben Gurion University Cognitive Synthetic Aperture Sonar
15:10-15:30	<b>Coffee Break</b>
15:30-15:55	Dr. Evgeny Chernokozhin and Prof. Amir Boag • Tel Aviv University Fast and stable algorithm for scattering from large elastic objects
15:55-16:20	Mr. Anatoly Tzinovoy, Ms. Adva Bar'am • Rafael Ltd. Comparison of circular near field to far field transformation algorithm results with direct far field measurements for a system of two hard spheres
16:20-16:55	Dr. Roe Diamant • Haifa University A graph localization approach to assist a diver in distress
16:55 -	<b>Wine and Cheese Reception</b>

Participation is free of charge, but advance registration at <http://web.eng.tau.ac.il/UWA> is required