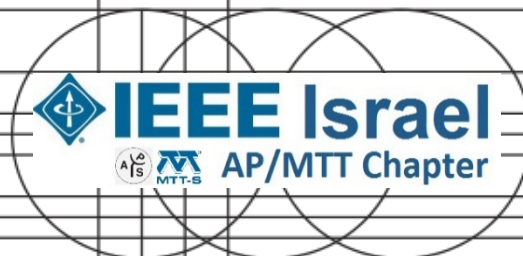


Wednesday,  
August 4th,  
2021



The Iby and Aladar Fleischman  
Faculty of Engineering  
Tel Aviv University



## The 9th Tel Aviv University Underwater Acoustics Symposium

09:00-10:00	<b>Registration &amp; Coffee</b>
10:00-10:10	<b>Welcome and Opening Remarks</b> Prof. Ehud Heyman, Prof. Amir Boag - TAU Underwater Acoustics Center
10:10-10:30	<b>Prof. Ehud Heyman, Pranav Chopde, and Prof. Amir Boag - Tel Aviv University</b> A Beam Summation Scheme for UWB TS Calculation in the High-Frequency Regime
10:30-10:50	<b>Dr. Evgeny Chernokozhin and Prof. Amir Boag - Tel Aviv University</b> Scattering by Thin Elastic Shells Submerged in Fluids
10:50-11:30	<b>Coffee Break</b>
11:30-11:50	<b>Prof. Joseph Tabrikian - Ben-Gurion University</b> Misspecified Cramer-Rao Bound for Underwater Target Localization in Multipath Environments
11:50-12:10	<b>Prof. Izhak Bucher - Technion</b> Adaptive Traveling Wave Control and Sensor Placement in an Impedance Tube
12:10-12:30	<b>Yair Dimant, Iris Roger-Eitan, and Dr. Anna Gleizer - Rafael Ltd.</b> Lens Mediated Scattering of Sound by Sound with Finite Aperture Beams
12:30-13:40	<b>Lunch on site (Dairy)</b>
13:40-14:00	<b>Dr. Aviad Scheinin - Haifa University</b> Marine Apex Predator: Acoustic Gaps of Knowledge and Challenges
14:00-14:20	<b>Prof. Boris Katsnelson - Haifa University</b> Specific Features of the Sound Field Propagation in the Coastal Wedge of the Ocean
14:20-14:40	<b>Ernst Uzhanskii, Prof. Boris Katsnelson, and Dr. Yizhaq Makovski - Haifa University</b> Geoacoustic Characterization of the Levant Seafloor
14:40-15:20	<b>Coffee Break &amp; Refreshments</b>
15:20-15:40	<b>Dr. Yair Tamar - Rafael Ltd.</b> Towards a Smart Active Adaptable Meta-Material for Underwater Acoustic Applications
15:40-16:00	<b>Dr. Roe Diamant and Talmon Alexandri - Haifa University</b> A Time Difference of Arrival based Target Motion Analysis for Localization of Underwater Vehicles
16:00-16:20	<b>Alon Eilam, Guy Feferman, Michal Blatt, Omer Movshovits, and Guy Dascalu - Technion</b> Ultrasonic 3D Positioning System with Unsynchronized Beacons and Receivers
16:20-16:40	<b>Dr. Lea Beilkin-Sirota and Or Lasri - Tel Aviv University</b> Hiding Acoustic Events in Time
16:40 -	<b>Wine and Cheese Reception</b>

Participation is  
free of charge, but  
[advance  
registration](#)  
is required

Green Pass Event  
Please prepare:  
Tav Yarok or  
Vaccination or  
Recovery  
Certificate



Rosenblatt Auditorium  
Software Engineering Building  
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Tel Aviv University

