



The 7th Tel Aviv University Underwater Acoustics Symposium

Thursday, June 14th, 2018

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

09:00-10:00	Registration & coffee
	Welcome and Opening Remarks
10:00-10:10	Prof. Yossi Rosenwaks • Dean of Engineering Prof. Ehud Heyman, Prof. Amir Boag • Underwater Acoustics Research Center
10:10-11:10	Prof. Jeffrey Krolik • Duke University Keynote: High Duty-Cycle Active Sonar
11:10-11:30	Coffee Break
11:30-12:00	Prof. Ehud Heyman • Tel Aviv University Time domain imaging using short pulse data
12:00-12:30	Prof. Boris Katznelson • Haifa University Acoustic characterization of gas bearing sediment: theory and experiment in Lake Kinneret as a case study
12:30-13:00	Dr. Elazar Sonnenschein • UTC Ltd. Radon transform for imaging sonar in the presence of noise
13:00-14:00	Lunch on site (Dairy)
14:00-14:30	Dr. Yakir Hadad • Tel Aviv University Electromagnetic phase sensitivity enhancement by electromagnetic-acoustic coupling
14:30-15:00	Prof. Amir Boag, Semion Duberstein, Igor Gershenzon • Tel Aviv University Analysis of Scattering by Penetrable Objects Using Iterative Physical Optics
15:00-15:30	Mr. Yair Tamar • Rafael Ltd. Measuring infinite layer characteristics in a finite water tank
15:30-15:50	Coffee Break & Refreshments
15:50-16:20	Prof. Joseph Tabrikian • Ben Gurion University Cognitive Underwater Target Detection
16:20-16:50	Dr. Roe Diamant • Haifa University A tracking solution to detect scuba divers
16:50 -	Wine and Cheese Reception

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