



5th Annual Underwater Acoustics Symposium

Wednesday, May 25th, 2016

Jaglom Auditorium, Senate Building
Tel Aviv University

09:00-10:00	Registration & coffee
10:00-10:10	Prof. Yossi Rosenwaks • Dean of Engineering, Tel Aviv University Mr. Ophir Shoham • Head of DDR&D, IMOD Prof. Amir Boag • Underwater Acoustics Research Center
10:10-11:10	Prof. Leszek Demkowicz • University of Texas at Austin Keynote: hp-Adaptive finite element methods for vibration and wave propagation problems
11:10-11:30	Coffee Break
11:30-11:55	Prof. Eli Turkel, Prof. Dan Givoli • Tel Aviv University, Technion Inverse problems for the convective wave equation
11:55-12:20	Prof. Amir Boag, Dr. Yaniv Brick, Igor Gershenzon • Tel Aviv University Fast iterative physical optics (IPO) for acoustic scattering
12:20-12:45	Prof. Ehud Heyman • Tel Aviv University Beam domain decomposition in random medium propagation: the stochastic field
12:45-13:45	Lunch on site (Dairy)
13:45-14:45	Prof. Peter Gerstoft • Scripps Institute of Oceanography, San Diego Keynote: Compressive sensing in ocean acoustics
14:45-15:10	Prof. Joseph Tabrikian • Ben-Gurion University Cognitive beamforming for sonar target detection
15:10-15:30	Coffee Break
15:30-15:55	Prof. Anthony Weiss • Tel Aviv University Receivers localization and synchronization by ambient noise
15:55-16:20	Azriel Sinai, Dr. Alon Amar, Prof. Guy Gilboa • RAFAEL & Technion Towards mine-like objects detection in side-scan sonar images
16:20-16:45	Dr. Roei Diamant, Dr. Itzik Klein • Haifa University Observability analysis of DVLPS aided INS for a maneuvering AUV
16:45-17:10	Dr. Allen Goldblatt • Tel Aviv University Dolphin sonar
17:10-	Wine and Cheese Reception

Participation is free of charge, but advance registration at Acoustics.TAU@gmail.com is required