DSP-DAY @ TAU: A DSP Symposium Marking the 10th Anniversary of the TAU DSP Labs

Tuesday, June 14th, 2011, Rosenblatt Auditorium, School of Electrical Engineering, Tel Aviv University

Time	Session
09:00 – 09:30	**Registration & Coffee**
09:30 – 09:45	**Welcome notes** **Prof. Ehud Heyman** • Dean, Faculty of Engineering **Prof. Meir Feder** • Head, School of Electrical Engineering
09:45 – 10:30	**Prof. John Soraghan** • University of Strathclyde The fractional Fourier transform and empirical mode decomposition with applications
10:30 – 11:15	**Prof. Yonina C. Eldar** • Technion Defying Nyquist in analog-to-digital conversion
11:15 – 11:30	**Coffee Break & Refreshments**
11:30 – 12:15	**Prof. Sharon Gannot** • Bar Ilan University A reduced bandwidth binaural MVDR beamformer
12:15 – 13:00	**Prof. Anthony J. Weiss** • Tel Aviv University Localization in the presence of jamming, interference and channel reuse
13:00 – 14:30	**Lunch on Site**
14:30 – 15:15	**Prof. Thomas Kailath** • Stanford University From radiative transfer to fast algorithms for cell phones
15:15 – 16:00	**Award-winning projects showcase** Short video clips of award-winning student projects and a live video demonstration of a sensors-network based emitter location project.
16:00 – 16:15	**Coffee Break & Refreshments**
16:15 – 17:00	**Prof. Meir Feder** • Tel Aviv University Signal codes: A signal processing approach for coded modulation
17:00 – 17:45	**Prof. Hagit Messer-Yaron** • The Open University & Tel Aviv University Call for a rain-check? New results and open signal-processing challenges in wireless-networks-based environmental monitoring
17:45 – 18:00	**Closing remarks & acknowledgements**
18:00 – 18:30	**Wine & Cheese Reception**

Symposium is free of charge, but advance registration is required at acc@eng.tau.ac.il