

Advanced Communications Center Annual Workshop & Feder Family Award Ceremony

Monday, February 24th, 2014

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

08:30-08:45	Registration & coffee
08:45-09:00	Welcome and ACC overview Ehud Heyman • Dean, Faculty of Engineering, TAU Amir Boag • Head of the ACC
09:00-09:50	Olav Tirkkonen • Aalto University Radio resource management optimization for small cell networks
09:50-10:40	Michael Kagan • Mellanox Cloud and big data
10:40-11:10	Coffee Break & Refreshments
11:10-12:00	Alon Orlitsky • UCSD Learning in large domains: The art of the doable
12:00-12:20	The Feder Family Award for Best Student Work in Communications Ceremony Prof. Joseph Klafter • President, TAU Prof. Ehud Heyman • Dean, Faculty of Engineering Prof. Ady Arie • Head, School of Electrical Engineering Prof. Meir Feder
12:20-12:50	1st place winner: Wasim Huleihel • Technion On the relations between information theory and statistical mechanics
12:50-14:00	Lunch on site
14:00-14:50	Thomas Marzetta • Bell Labs Fundamentals of massive MIMO
14:50-15:10	2nd place winner: Ronen Dar • TAU Nonlinear interference noise in fiber-optic communications systems
15:10-16:00	Eilon Riess, Tal Philosof • GM Connected vehicle opportunities
16:00-16:20	Coffee Break & Refreshments
16:20-16:40	2nd place winner: Or Ordentlich • TAU Integer-Forcing for channels sources and ADCs
16:40-17:30	Yonina Eldar • Technion Sub-Nyquist sampling: bounds, algorithms and hardware
17:30 -	Wine and Cheese Reception

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