Advanced Communications Center
Annual Workshop & Feder Family Award Ceremony

Wednesday, February 18th, 2015

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

Time	Session
08:45-09:00	***Registration & coffee***
09:00-09:20	**Welcome and ACC overview** **Yossi Rosenwaks • Dean, Faculty of Engineering, Tel Aviv University** **Ofer Shayevitz • Head of the ACC**
09:20-10:10	**Erdal Arikan • Bilkent University** **Polar coding**
10:10-11:00	**Arik Mimran • Qualcomm** **Envisioning the future with 5G**
11:00-11:30	***Coffee Break & Refreshments***
11:30–12:20	**Giuseppe Caire • Technical University of Berlin** **Optimal user-base station association in massive MIMO heterogeneous wireless networks**
The Feder Family Award for Best Student Work in Communications
12:20-12:40	**Ceremony** **Prof. Joseph Klafter • President, Tel Aviv University** **Prof. Yossi Rosenwaks • Dean, Faculty of Engineering** **Prof. Ady Arie • Head, School of Electrical Engineering** **Prof. Meir Feder**
12:40-13:00	**1st place winner: Merav Parter • Weizmann Institute** **The topology of wireless communication**
13:00–14:00	***Lunch on site***
14:00–14:50	**Noga Alon • Tel Aviv University** **Radio networks**
14:50–15:10	**2nd place winner: Nadav Segal • Tel Aviv University** **Controlling light by metamaterial based nonlinear photonic crystals**
15:10–16:00	**Gerhard Kramer • Technical University of Munich** **Models and capacity bounds for phase noise channels**
16:00–16:20	***Coffee Break & Refreshments***
16:20-16:40	**3rd place winner: Ilya Soloveychik • Hebrew University** **Non-Gaussian and structured covariance estimation**
16:40–17:30	**Jehoshua Bruck • California Institute of Technology** **We are memory machines !**
17:30 -	***Wine and Cheese Reception***

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