

Advanced Communication Center Annual Workshop & Feder Family Award Ceremony

Monday, February 27th, 2012

Rosenblatt Auditorium, School of Electrical Engineering, Tel Aviv University

09:00-09:30	Registration & coffee	
09:30-09:50	Welcome and ACC overview Prof. Ehud Heyman • Dean, Faculty of Engineering, Tel Aviv University Prof. Amir Boag • Head of the ACC	
09:50-10:40	Prof. Shlomo Shamai • Technion – Israel Institute of Technology Old and New via an information-estimation perspective	
10:40-11:00	Coffee Break	
11:00-11:50	Prof. David Burshtein • Tel Aviv University Linear programming decoding of codes – an overview and some recent results	
11:50-12:40	Dr. Mitchell Trott • Google, Mountain View, CA Why is Wyner-Ziv coding for video so difficult?	
12:40-13:30	Lunch on site	
The Feder Family Award for Best Student Work in Communications		
13:30-13:50	Ceremony	Prof. Joseph Klafter, President Prof. Ehud Heyman, Dean, Faculty of Engineering Prof. Meir Feder
13:50–15:10	Feder Family Award Winners Talks 1st Prize : Anatoly Khina, Tel Aviv University Network Modulation: A transmission technique for MIMO multi-user networks 2nd Prize : Anton Andrusier, Tel Aviv University A scheme for disjoint detection in polarization multiplexed communication systems affected by polarization dependent loss 2nd Prize : Itzhak Tamo, Ben Gurion University MDS array codes with optimal rebuilding Commendation Prize for outstanding M.Sc. work : Dor Shaviv, Technion On the multiple-access channel with common rate-limited feedback	
15:10–15:30	Coffee Break & Refreshments	
15:30–16:20	Prof. Frans Willems • Eindhoven University of Technology Source codes and search codes	
16:20-17:10	Prof. Yossi Matias • Managing Director, Israel R&D Center, Google Some reflections on research, technology, and innovation	
17:10 -	Wine and Cheese Reception	

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