Advanced Communications Center
RFIC Mini-Symposium
Tuesday, July 9th, 2013
Rosenblatt Auditorium, School of Electrical Engineering, Tel Aviv University

Time	Session
09:20-9:50	**Registration & coffee**
9:50-10:00	**Welcome notes** **Dr. Eran Socher • School of Electrical Engineering, Tel Aviv University**
10:00-11:00	**Prof. Francesco Svelto • University of Pavia, Italy** ***Keynote***: Insights into circuits for frequency synthesis at mm-waves
11:00-11:30	**Dr. Oded Katz • IBM** SiGe-based components for fully integrated E-BAND Transceiver chipset
11:30-11:50	**Coffee Break**
11:50–12:20	**Avraham S. • Rafael** A K-band receiver in 90nm CMOS
12:20-12:50	**Rotem Banin • Intel** Low phase noise digital PLL for 802.11ac applications
12:50–13:50	**Lunch on site**
13:50–14:20	**Eran Gerson • Intel** A 60GHz beamformer
14:20–14:50	**Alon Yehezkely • Wilocity** Platform integration driven RFIC design for WiGig applications
14:50–15:20	**Dr. Evgeny Shumaker • IBM** Key components of a 130 GHz Dicke-radiometer SiGe RFIC
15:20–15:40	**Coffee Break & Refreshments**
15:40–16:40	**Dr. Eran Socher • Tel Aviv University** The mm-wave colpitts CMOS oscillator and its applications in wideband frequency generation and detection
16:40–17:10	**Anat Rubin • Tel Aviv University** Dual band 18.5 Gbps transmitter at 60 GHz and 80 GHz in 65 nm CMOS
17:20–17:40	**Nir Weissman • Tel Aviv University** W-band CMOS energy harvesting and detection circuits
17:40-	**Wine and Cheese Reception**

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