Prof. Emanuel Cohen served in IDF as system engineer and head of RF department, developing a verity of communication system. In 2004, he joined Intel Haifa, Israel, as a senior RF architect defining and developing RFICs and algorithms for WiFi and WiMAX systems. For the last 10 years Prof. Cohen has been working on millimeter-wave phased array transceivers in CMOS. Prof. Emanuel Cohen joined the Technion on 2015 as Assistant Professor. He is the head of the High Frequency Integrated Circuit Lab (HFIC) and Communication Lab at the Technion.