[ThF2] [Special Session] Challenges in 5G Antenna Design and Possible Solutions

Date / Time: Oct. 25 (Thu.), 2018 / 13:20-15:00
Place: Room F (Miami Room)
Session Chairs: Raj Mittra (University of Central Florida, USA)
Chi Hou Chan (City University of Hong Kong, Hong Kong, China)

ThF2-1 13:20-13:40
Wideband Magneto-Electric Dipole Antennas for Millimeter-Wave Applications with Microstrip Line Feed
Jie Sun and Kwai-Man Luk
*City University of Hong Kong, Hong Kong, China*

ThF2-2 13:40-14:00
A Novel Dual-Polarized Quadrapole Antenna with L-Shaped Coupling Feeding Lines
Qing-Xin Chu, Dong-Hua Huang, and Rui Wu
*South China University of Technology, China*

ThF2-3 14:00-14:20
Near-Zero Dielectric Loss Millimeter-Wave Leaky-Wave Antenna Using Silicon MEMS Process
Yue Li, Peiqin Liu, and Zhijun Zhang
*Tsinghua University, China*

ThF2-4 14:20-14:40
Broadband Circularly Polarized Dielectric Rod Antenna for Millimeter-Wave Communications
Zhuoqiao Ji, Kai Xu Wang, and Hang Wong
*City University of Hong Kong, Hong Kong, China*

ThF2-5 14:40-15:00
60GHz Phased Transmitarray Antenna for 5G
Shi-Wei Qu and Xiao-Han Chen
*University of Electronic Science and Technology of China, China*