



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

<b>Date / Time</b>	Oct. 25 (Thu.), 2018 / 13:20-15:00
<b>Place</b>	Room F (Miami Room)
<b>Session Chairs</b>	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*