



**[WeF2] [Special Session] Special Topics on High Gain, Multi-beam and Multi-band Phased Arrays**

<b>Date / Time</b>	Oct. 24 (Wed.), 2018 / 16:30-18:30
<b>Place</b>	Room F (Miami Room)
<b>Session Chairs</b>	Tzyh-Ghuang Ma (National Taiwan University of Science and Technology, Taiwan) Hsi-Tseng Chou (National Taiwan University, Taiwan)

**WeF2-1**

[Invited Speaker]

16:30-17:10

**A Breakthrough of Phase Control Unit in Phased Arrays - Phased Reconfigurable Synthesized Transmission Lines**

Tzyh-Ghuang Ma and Huy Nam Chu

*National Taiwan University of Science and Technology, Taiwan*

**WeF2-2**

17:10-17:30

**Compact High Gain Dual-Band Dual-Polarized Base Station Antenna**

Xiu Yin Zhang, Zhi Jie Zhang, Wen Duan, and Yun Fei Cao

*South China University of Technology, China*

**WeF2-3**

17:30-17:50

**Development of Luneburg Lens Type Antennas for Potential Mobile Communications at Millimeter Wave Frequencies**

Zhi-Da Yan<sup>1</sup>, Hsi-Tseng Chou<sup>1</sup>, and Yi-Sheng Chang<sup>2,3</sup>

<sup>1</sup>*National Taiwan University, Taiwan*, <sup>2</sup>*Yuan-Ze University, Taiwan*,

<sup>3</sup>*National Chung-Shan Institute of Science and Technology, Taiwan*

**WeF2-4**

17:50-18:10

Withdrawn

**WeF2-5**

18:10-18:30

**A Large Frequency Ratio Shared-Aperture Antenna Based on Structure Reuse**

Jin Fan Zhang<sup>1</sup>, Yu Jian Cheng<sup>1</sup>, and Shu Han Liu<sup>2</sup>

<sup>1</sup>*University of Electronic Science and Technology of China, China*, <sup>2</sup>*University of California, USA*