



# ISAP 2018

2018 INTERNATIONAL SYMPOSIUM ON  
ANTENNAS AND PROPAGATION

## [ThC2] Antennas and Arrays for K-band and Above

<b>Date / Time</b>	Oct. 25 (Thu.), 2018 / 13:20-15:00
<b>Place</b>	Room C (Grand Ballroom 3)
<b>Session Chairs</b>	Jiro Hirokawa (Tokyo Institute of Technology, Japan) Kunio Sakakibara (Nagoya Institute of Technology, Japan)

### ThC2-1

13:20-13:40

**Design of Feed and Radiation Elements for 2×2-Element Waveguide Slot Arrays by Filter Design Theory**

Takashi Tomura and Jiro Hirokawa

*Tokyo Institute of Technology, Japan*

### ThC2-2

13:40-14:00

**Design of a Ka-Band Circularly Polarized Waveguide Antenna with a Cross Iris**

Sungjoon Yoon and Jaehoon Choi

*Hanyang University, Korea*

### ThC2-3

14:00-14:20

**Design MIMO Antenna with U-Slot Rectangular Patch Array for 5G Applications**

Fajar Wahyu Ardianto, Farhan Fathir Lanang, Setyawan Renaldy, and Trasma Yunita

*Telkom University, Indonesia*

### ThC2-4

14:20-14:40

**CPW Feed for Millimeter-Wave SIW-Based Antipodal Vivaldi Antenna**

Zong-Huan Wu, Jing-Hui Qiu, Chen Liu, and Nan-Nan Wang

*Harbin Institute of Technology, China*

### ThC2-5

14:40-15:00

**Dielectric Loaded Coaxial Grooves Horn with Ku/Ka Feed Systems for Low Cross Polarization Use**

Atsushi Hiratsuna, Yuji Akagi, Hiroyuki Deguchi, and Mikio Tsuji

*Doshisha University, Japan*