



[WeA2] Broadband and Multi-band Antennas I

Date / Time	Oct. 24 (Wed.), 2018 / 16:30-18:30
Place	Room A (Grand Ballroom 1)
Session Chairs	Johnson J. H. Wang (Wang Electro-Opto Corporation, USA) Young Joong Yoon (Yonsei University, Korea)

WeA2-1

16:30-16:50

Broadband-Multiband Antennas Enabling Capacity & Security for Mobile Wireless 5G and Beyond

Johnson J. H. Wang

Wang Electro-Opto Corporation, USA

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16:50-17:10

Study of Folded Bow-Tie Antenna with a Reflector

Jun Abiru¹, Naobumi Michishita¹, Hisashi Morishita¹, Kenji Kawabata², and Yasuhiro Murakami²

¹National Defense Academy, Japan, ²Fujitsu Limited, Japan

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17:10-17:30

Design of Broadband Repeater Antenna with Firefighting Band for In-Building Mobile Communication

Kyeong-Sik Min¹, Kwang-Gun Lee¹, and Youngwook Kim²

¹Korea Maritime and Ocean University, Korea, ²California State University, USA

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17:30-17:50

A Planar 3.4–9 GHz UWB Monopole Antenna

Md Nazmul Hasan and Munkyo Seo

Sungkyunkwan University, Korea

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17:50-18:10

A Compact Modified E-Shaped Monopole Antenna for USB Dongle Applications

Suchitra Jeenawong¹, Patchadaporn Sangpet¹, Pichet Moeikham¹, and Prayoot Akkaraekthalin²

¹Rajamangala University of Technology Lanna Chiang Rai, Thailand,

²King Mongkut's University of Technology North Bangkok, Thailand

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18:10-18:30

Characteristic Modes Analysis to Integrate a Feeding Network in a Wideband Superdirective Array

Hussein Jaafar, Sylvain Collardey, and Ala Sharaiha

IETR, France