



[WeG2] [Special Session] Metasurface and Metasurface Antennas

Date / Time	Oct. 24 (Wed.), 2018 / 16:30-18:30
Place	Room G (Sicily Room)
Session Chairs	Hisashi Morishita (National Defense Academy, Japan) Wei E. I. Liu (National University of Singapore, Singapore)

WeG2-1

[Invited Speaker]

16:30-17:10

Wideband Cavity Backed Metasurface Antenna under Multi-Mode Resonance

Wei E. I. Liu¹, Zhi Ning Chen¹, and Xianming Qing²

¹National University of Singapore, Singapore, ²Institute for Infocomm Research, Singapore

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17:10-17:30

Anisotropic Metasurface for Orbital Angular Momentum Generation with Controlled Polarization

Jin Yang^{1,2} and Qiang Cheng¹

¹Southeast University, China, ²Science and Technology on Electronic Information Science Control Laboratory, China

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17:30-17:50

Dual-Polarized Metasurfaces Composed of Multi-Layered Ceramic Capacitors

Naoyuki Kinai¹, Naobumi Michishita¹, Hisashi Morishita¹, Teruki Miyazaki², and Masato Tadokoro²

¹National Defense Academy, Japan, ²The Yokohama Rubber Co., Ltd., Japan

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17:50-18:10

Waveguide Integrated Lumped Circuits Using the Cutoff and Evanescent Modes

Yue Li

Tsinghua University, China

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18:10-18:30

A Wide-Band Power-Splitter Fed Wide-Band Array Antenna Adoptable to Low-Weight GPR Systems

Changhyeong Lee, Heejun Park, Gwang-Gyun Namgung, Jinyoung Kwon, and Sungtek Kahng

Incheon National University, Korea