



[FrB3] Other Antenna Topics

Date / Time	Oct. 26 (Fri.), 2018 / 14:30-16:30
Place	Room B (Grand Ballroom 2)
Session Chairs	Beijia Liu (Harbin Institute of Technology, China) Gangil Byun (UNIST, Korea)

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14:30-14:50

Multimode Horn Antennas with Square Aperture Loading Grooves for Circular Beam and Low Cross-Polarization Characteristic

Reiko Omi, Ryo Wakabayashi, Hiroyuki Deguchi, and Mikio Tsuji
Doshisha University, Japan

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14:50-15:10

A Novel Deployable Quasi-Yagi Monopole Antenna Using Origami Magic Spiral Cube

Syed Imran Hussain Shah and Sungjoon Lim
Chung-Ang University, Korea

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15:10-15:30

Impulse Radiating Antenna Modeling Using Numerical Electromagnetics Code

Arim Ha and Kangwook Kim
GIST, Korea

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15:30-15:50

A Study of an In-Line Slot Array Antenna Fed by a Zigzag Ridge Waveguide

Takashi Uno¹, Narihiro Nakamoto¹, Toru Fukasawa¹, Takeshi Yamamoto¹, Ikuya Kakimoto¹, Naofumi Yoneda¹, and Yoshihiko Konishi²
¹*Mitsubishi Electric Corporation, Japan*, ²*Hiroshima Institute of Technology, Japan*

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15:50-16:10

Waveguide Slot Filtering Antenna with Metamaterial Surface

Wei Wang¹, Zhi Zheng¹, Hong-Tao Zhang¹, Mou-Ping Jin¹, and Ying Liu²
¹*East China Research Institute of Electronic Engineering, China*, ²*Xidian University, China*

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16:10-16:30

Integrated Wideband/Reconfigurable Notched Band Dielectric Resonator Antenna

Beijia Liu, Jinghui Qiu, Changhui Wang, Hua Zong, Shengchang Lan, and Nannan Wang
Harbin Institute of Technology, China