



[FrB1] Reconfigurable, Adaptive, and Smart Antennas

Date / Time	Oct. 26 (Fri.), 2018 / 08:30-09:50
Place	Room B (Grand Ballroom 2)
Session Chairs	Prayoot Akkaraekthalin (King Mongkut's University of Technology North Bangkok, Thailand) Sangwook Nam (Seoul National University, Korea)

FrB1-1

08:30-08:50

Effect of a Surface Wave in Mutual Coupling for Printed Bow-Tie Antenna Array

Hanni Koo and Sangwook Nam
Seoul National University, Korea

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08:50-09:10

Rollover-Resistant Vehicular MRC Adaptive Array with Weighted Polarization Combining

Taishi Oda, Hiroya Tanaka, Kazuhiro Honda, and Koichi Ogawa
Toyama University, Japan

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09:10-09:30

Investigation of Various U-Shaped Slots in Reconfigurable Antenna Using RF MEMS Switches

Norfatihah Bahari¹, Mohd Faizal Jamlos¹, Suramate Chalermwisutkul², Titipong Lertwiriya-prapa²,
and Prayoot Akkaraekthalin²

¹*Universiti Malaysia Perlis, Malaysia*, ²*King Mongkut's University of Technology North Bangkok, Thailand*

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09:30-09:50

Design of Polarization Reconfigurable Antenna Using Liquid Metal

Aqeel Hussain Naqvi and Sungjoon Lim
Chung-Ang University, Korea