



ISAP 2018

2018 INTERNATIONAL SYMPOSIUM ON
ANTENNAS AND PROPAGATION

[FrA3] EBG, Metamaterials and Nano-Electromagnetics

Date / Time	Oct. 26 (Fri.), 2018 / 14:30-16:10
Place	Room A (Grand Ballroom 1)
Session Chairs	Prayoot Akkaraekthalin (King Mongkut's University of Technology North Bangkok, Thailand) Amit Kumar Singh (Indian Institute of Technology Delhi, India)

FrA3-1

14:30-14:50

A Dual-Band Metasurface Using Ring Resonator with Interdigital Capacitors

K. Rakdanklang¹, P. Chomtong¹, P. Krachodnok², and P. Akkaraekthalin²

¹Suranaree University of Technology, Thailand, ²King Mongkut's University of Technology, Thailand

FrA3-2

14:50-15:10

Ultra-Wideband Metamaterial Using Complementary Ring with Inductive Load Strip

S. Sang-Arsa, P. Krachodnok, and R. Wongsan

Suranaree University of Technology, Thailand

FrA3-3

15:10-15:30

Design of Dual-Band Metamaterial Using Jerusalem Cross Structure with Interdigital Technique for LTE and WLAN Systems

W. Kamonsin¹, P. Chomtong², P. Krachodnok¹, and P. Akkaraekthalin²

¹Suranaree University of Technology, Thailand, ²King Mongkut's University of Technology North Bangkok, Thailand

FrA3-4

15:30-15:50

Radial Graded Index Metasurface Lens for Beam Steering and Gain Enhancement

Amit K. Singh, Mahesh P. Abegaonkar, and Shibani K. Koul

Indian Institute of Technology Delhi, India

FrA3-5

15:50-16:10

Planar Monopole Antenna with Offset Square Split Ring Resonator

Murtala Aminu-Baba, Mohammad Kamal A Rahim, Farid Zubir, Mohd Fairus Mohd Yusoff, and Noor Asmawati Samsuri

Universiti Teknologi Malaysia, Malaysia