



[ThG1] [Special Session] Recent Developments in Frequency Selective Surfaces, Metasurfaces and Low-observable Surfaces for Antennas

Date / Time	Oct. 25 (Thu.), 2018 / 09:00-10:40
Place	Room G (Sicily Room)
Session Chair	Raj Mittra (University of Central Florida, USA)

ThG1-1

09:00-09:20

Design of FSS for Wideband and Wide-Angle Coverage—Challenges and Possible Solutions

Raj Mittra^{1,2} and Nathawut Homsup¹

¹University of Central Florida, USA, ²King Abdulaziz University, Saudi Arabia

ThG1-2

09:20-09:40

A Switchable Reflect-Type Linear/Circular Polarizers Based on Active Metasurface

You Li¹, Qunsheng Cao¹, and Yi Wang^{1,2}

¹Nanjing University of Aeronautics and Astronautics, China, ²Southeast University, China

ThG1-3

09:40-10:00

RCS Reduction of a Microstrip Patch Based on Broadband PRRS

Jianxiao Wang, She Shang, Dawei Song, and Xiaojun Li

National Key Laboratory of Science and Technology on Space Microwave, China

ThG1-4

10:00-10:20

A High-Gain and Low-RCS Fabry-Perot Antenna Using a Phase Gradient Metasurface

Yongtao Jia, Ying Liu, and Shuxi Gong

Xidian University, China

ThG1-5

10:20-10:40

Design of Low RCS Spiral Antenna with Low Profile

Wenbo Zhang¹, Ying Liu¹, Shuxi Gong¹, and Xianghui Wang²

¹Xidian University, China, ²Beijing Electro-Mechanical Engineering Institute, China