



APMC 2025

2025 ASIA-PACIFIC MICROWAVE CONFERENCE

DEC 2 - 5, 2025 | ICC JEJU, Jeju Island, Korea

Session Title:

[TE3] Recent Advances in Microwave Components and Their Applications

Session Date:

December 4 (Thu.), 2025

Session Time:

13:20-15:00

Session Room:

Room E (301)

[TE3-1]

13:20-13:40

3D-Printed Frequency-Diverse Metasurface for Camera-Based Terahertz Spectrometry

Sakib Quader (The University of Adelaide, Australia); Mariam Abdullah (University of Adelaide, Australia); Estrid He (RMIT, Australia); Christophe Fumeaux (University of Queensland, Australia); Withawat Withayachumnankul (The University of Adelaide, Austr

[TE3-2]

13:40-14:00

Compact Self-Matching Microwave Plasma Source with a Wide Impedance Bandwidth

Jeong-Hun Park, Seung-Jun Park and Moon-Que Lee (University of Seoul, Korea (South))

[TE3-2]

14:00-14:20

A Compact Ultrawideband Common-Mode Filter Based on Comb-Shaped Defected Ground Structure

Zhiyuan Niu and Cheng Zhou (Southeast University, China); Peng Zhou (Nanjing University of Science and Technology, China); Xiaoxing Yin (State Key Laboratory of Millimeter Waves, China)

[TE3-4]

14:20-14:40

Switch-Based Complex Termination Impedance Reconfigurable Filters for RF Receiver Front-Ends

Chengfei Yi (University of Electronic Science and Technology of China, China)

[TE3-5]

14:40-15:00

A Reconfigurable Miniaturized Bandpass Filter with a Fixed Center Frequency of 4 GHz

Hao J Liu (University of Electronic Science and Technology of China, China)