



APMC 2025

2025 ASIA-PACIFIC MICROWAVE CONFERENCE

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

Session Title:	[TG1] Algorithms and Computational EM for Intelligent EW/Sensing
Session Date:	December 4 (Thu.), 2025
Session Time:	08:30-10:10
Session Room:	Room G (303)

[TG1-1] [Invited] 08:30-08:50

FDA Beampattern Optimization with Nonlinear Frequency Offsets and Non-Uniform Element Spacing

Abdul Hadee, Ahmad Bilal, Sohom Bhattacharjee, Yash Hemant Shah and Choon Sik Cho (Korea Aerospace University, Korea (South)); Pathipati Srihari (National Institute of Technology Karnataka, India)

[TG1-2] 08:50-09:10

Design of an Optimal Jammer Trajectory for Maintaining a Consistent Jamming-to-Signal Ratio

Bosung Park, Changhyeon Im and Hosung Choo (Hongik University, Korea (South))

[TG1-3] 09:10-09:30

Accelerating Discontinuous Galerkin Domain Decomposition Method with MLACE and MLFMA for Multiscale Problems Based on GPUs

Xing Mu (Metax-tech Inc., China)

[TG1-4] 09:30-09:50

Multi-Task Frequency Attentive Network for Lightweight Small Aerial Target Classification

Yan Gong, Hanjun Zhao and Hui Chu (Nanjing University of Science and Technology, China)

[TG1-5] 09:50-10:10

Deep-Learning-Based X-Band Waveguide Permittivity Measurement Method for Dielectric Materials with Air Gaps

Seonguk Kwon, Jungbin Seo, Handong Seo, Hyemin Yang, Chaejin Lee and Youngcheol Park (Hankuk University of Foreign Studies, Korea (South))