



APMC 2025

2025 ASIA-PACIFIC MICROWAVE CONFERENCE
DEC 2 - 5, 2025 | ICC JEJU, Jeju Island, Korea

Session Title:	[WF2] Sub-THz Communication for 6G
Session Date:	December 3 (Wed.), 2025
Session Time:	15:40-17:20
Session Room:	Room F (302)
Session Chair(s):	Doohwan Lee (NTT, Japan) Daekeun Yoon (Kumoh National Institute of Technology, Korea)

[WF2-1] [Invited] 15:40-16:00

Modulation Linearity of Si Mach-Zehnder Modulators

Woo-Young Choi, Min-Hyeok Seong and Yongjin Ji (Yonsei University, Korea (South))

[WF2-2] [Invited] 16:00-16:20

Multishape Radio: Advanced Electromagnetic Wave Manipulation for Enabling 6G Wireless Communications

Doohwan Lee (NTT, Japan); Hirofumi Sasaki and Yasunori Yagi (NTT Corporation, Japan); Kosuke Suzuoki (Nippon Telegraph and Telephone Corporation, Japan); Riichi Kudo (NTT Corporation, Japan)

[WF2-3] 16:20-16:40

A 300-GHz Quartz Transmitarray Using FP Polarizers for Point-to-Point Communications

Jia-Hui Zhao, Feng Xie, Chen-Yu Ding and Zhang-Cheng Hao (Southeast University, China)

[WF2-4] 16:40-17:00

Long-Range Prediction of E-Band OAM Beam Profiles Using Measurement-Based Infinitesimal Dipole Modeling

SeokJu Moon and EunMi Choi (Ulsan National Institute of Science and Technology (UNIST), Korea (South)); Jaehoon Jeong (ETRI, Korea (South)); Young Dam Kim (Chungnam National University, Korea (South))

[WF2-5] 17:00-17:20

A 7.0 pA/ $\sqrt{\text{Hz}}$ Ultra Low Noise Transimpedance Amplifier with 26.5 GHz Bandwidth for 50G PON

Kunming Yang (Southeast University, China & Institute of Radio Frequency and Optoelectronic Integration, China); Heyu Miao, Fan Yang and Yi Liu (Southeast University, China); Ying mei Chen (SEU, China)