Session Title:	[WG2] Radar Signal Processing, Measurement Techniques and Systems
Session Date:	December 3 (Wed.), 2025
Session Time:	15:40-17:20
Session Room:	Room G (303)
Session Chair(s):	Piljae Park (ETRI, Korea) Byungkwan Kim (Chungnam National University, Korea)

[WG2-1] 15:40-16:00

A Deep Learning-Based Wavenumber Domain Imaging Method for ISAC

Lue Wen (National University of Singapore, Singapore); Siyuan Zhao (National University of Singapore & NUS ECE, Singapore); Tiantian Yin (National University of Singapore, Singapore); Yongxin Guo (City University of Hong Kong, Hong Kong); Xudong Chen (National University of Singapore, Singapore)

[WG2-2] 16:00-16:20

Wideband LFM Measurement with Synchronized Direct-Conversion Receivers

Ye-Won Jeong, Won-Jun Park and Byungkwan Kim (Chungnam National University, Korea (South))

[WG2-3] 16:20-16:40

Indoor Localization Using CNNs with Integrated Wi-Fi Fingerprints and Directional Information

Taiga Arata, Satoru Aikawa and Shinichiro Yamamoto (University of Hyogo, Japan)

[WG2-4] 16:40-17:00

A Mutual Coupling Based Self-Calibration Method Using RFSoC for L-Band Synthetic Aperture Radar

Koen Mouthaan, Peizhuo Yang and Yuanchen Zeng (National University of Singapore, Singapore)

[WG2-5] 17:00-17:20

A Sub-400 mm^2 24-GHz FMCW Radar with 2×2 Antenna Array Configuration

Goo-Han Ko, Si Keuk Ryu, Minki Kang and Donghyun Baek (Chung-Ang University, Korea (South))