

**GROW Seminar Series: Global Researcher Outreach for Wireless**

**Poster Session (9:30-11:30, July 4th, 2025 at 3rd Floor of J-Innovation HUB, RISE, Hiroshima University)**

Paper #	Title	Authors
P1	4 Port De-embedding Method Addressing Discontinuities in Differential Circuits	Koki Mochida, Satoshi Tanaka, Takeshi Yoshida, Shuhei Amakawa, Minoru Fujishima (Hiroshima University)
P2	Received Power Estimation in Indoor Non-Line-of-Sight Environments Using Real-Time Spectrum Monitor	Taketo Kakimoto, Tatsuya Hatagi, Masataka Miyake, Suguru Kameda (Hiroshima University)
P3	Implementation of SS-CDMA: Preliminary Evaluation in a Wireless Environment	Tomokazu Watanabe, Toshiki Ouchi, Masataka Miyake, Suguru Kameda (Hiroshima University)
P4	A Low-Loss High-Isolation Crossover Design for D-Band Phased Arrays	Leshan Xu, Satoshi Tanaka, Takeshi Yoshida, Minoru Fujishima (Hiroshima University)
P5	Quantization Threshold Design for SIMO Systems Based on 1-Bit ADC Output Characteristics	Rina Takagi, Kenta Umebayashi (Tokyo University of Agriculture and Technology), Antti Tölli, Bikshapathi Gouda, Janne Lehtomäki (University of Oulu)
P6	Impact Analysis of Antenna Type and Cluster Configuration in Cluster-Centric CF-mMIMO	Kazuya Ogata, Sijie Xia, Masataka Miyake, Suguru Kameda (Hiroshima University), Fumiaki Adachi (Tohoku University)
P7	Efficient Decoupling Layout for Chip Miniaturization and Stable Power Delivery in High-Frequency CMOS Integrated Circuits	Yudai Miyoshi, Satoshi Tanaka, Takeshi Yoshida, Minoru Fujishima (Hiroshima University)
P8	A Miniaturized 31-69 GHz Wideband Amplifier with Multi-Band Gain Tuning in 40nm CMOS	Zhen Yan, Satoshi Tanaka, Takeshi Yoshida, Minoru Fujishima (Hiroshima University)
P9	Input Design for Deep-Learning-Based Antenna Element Spacing Prediction	Junya Miura, Kenta Umebayashi (Tokyo University of Agriculture and Technology)
P10	A method for predicting increases in spectrum utilization based on user behavior trends	Yau Hong Leow, Kenta Umebayashi (Tokyo University of Agriculture and Technology), Sergio Infante, Julia Robles, Manuel Díaz, Cristian Martín (University of Málaga), Su Pyae Sone (University of Oulu)
P11	Measurement of Time-Synchronization Offset of Wireless Two-Way Interferometry (Wi-Wi): Introducing Automated Measurement Techniques	Hiroto KITA, Masataka MIYAKE, Suguru KAMEDA (Hiroshima University), Satoshi YASUDA, Nobuyasu SHIGA (National Institute of Information and Communications Technology)
P12	Input-Output Time Model Using Impulse Response of Quantum Cascade Lasers	Haruma Minami, Kenta Umebayashi, Ya Zhang (Tokyo University of Agriculture and Technology), Hua Li (Chinese Academy of Sciences)
P13	USRP Implementation of Synchronized SS-CDMA Communication Function : Maximum Number of Simultaneous Connections Research	Toshiki Ouchi, Serena Akasaka, Masataka Miyake, Suguru Kameda (Hiroshima University)
P14	Performance Evaluation of OTFS in High-Doppler LEO Satellite Communication	Ryo Arimura, Masataka Miyake, Suguru Kameda (Hiroshima University)
P15	A Fundamental Investigation on Indoor Radio Map Generation Using Multiple Spectrum Monitors	Tatsuya Hatagi, Taketo Kakimoto, Masataka Miyake, Suguru Kameda (Hiroshima University)
P16	Outlier Rejection in DOA Estimation Based on SNR Estimation	Ryo Watabe, Kenta Umebayashi (Tokyo University of Agriculture and Technology), Antti Tölli (University of Oulu)