

**IEEE VTS Tokyo/Japan Chapter 2024 Student Paper Award List (VTC2024-Spring)**

Winner	Title	Authors	Affiliation
Ryusei Yamazaki	<b>PAPR Reduction Method Based on Commonly Reserved Tones Among Multiple Users in FDMA Uplink</b>	Ryusei Yamazaki, Takanori Hara, Satoshi Suyama, Satoshi Nagata, and Kenichi Higuchi	Tokyo University of Science
Wataru Kato	<b>Stable and Efficient Inter-Satellite Optical Wireless Communication through Connection of Intersecting Orbits</b>	Wataru Kato, Yuichi Kawamoto, Nei Kato, Masayuki Ariyoshi, Kazushi Sugyo, and Junichi Funada	Tohoku University

## IEEE VTS Tokyo/Japan Chapter 2024 Young Researcher's Encouragement Award List (VTC2024-Spring)

Winner	Title	Authors	Affiliation
Taiki Kato	<b>Performance Analysis of Data-Carrying Reference Signal in Time-Varying Channels</b>	Taiki Kato, Hiroki Iimori, Chandan Pradhan, Szabolcs Malomsoky, and Naoki Ishikawa	Yokohama National University
Shion Inokuma	<b>Performance Evaluation of MIMO Transmission in Deep Joint Source-Channel Coding</b>	Shion Inokuma, Yuki Sasaki, Daisuke Hisano, Yu Nakayama, and Kazuki Maruta	Tokyo University of Science
Sojin Ozawa	<b>Toward O-RAN-based Cell-Free Architecture: Cooperative O-RU/V2X mmWave Beam Tracking</b>	Sojin Ozawa, Yuki Sasaki, Jin Nakazato, Manabu Tsukada, and Kazuki Maruta	Tokyo University of Science
Ryotaro Iizuka	<b>Highly-Efficient Low-Latency Scheduling Method in Round-Trip Communication for Feedback Control</b>	Ryotaro Iizuka, Takanori Hara, Yasuaki Yuda, and Kenichi Higuchi	Tokyo University of Science
Soma Taguchi	<b>PAPR Reduction Using Average Transmit Signal Power Difference Among Transmit Antennas for Massive MIMO-OFDM with Uniform Planar Array</b>	Soma Taguchi, Takanori Hara, Satoshi Suyama, Satoshi Nagata, and Kenichi Higuchi	Tokyo University of Science
Jinhua Chen	<b>Enhancing Production Planning in the Internet of Vehicles: A Transformer-based Federated Reinforcement Learning Approach</b>	Jinhua Chen, Zihan Zhao, Keping Yu, Shahid Mumtaz, Joel J. P. C. Rodrigues, Mohsen Guizani, and Takuro Sato	Hosei University

Winner	Title	Authors	Affiliation
Koki Koshikawa	<b>Dual Perigee: Reducing Latency in IoT Blockchain Through Efficient Peer Selection</b>	Koki Koshikawa, Jong-Deok Kim, Won-Joo Hwang, Kien Nguyen, and Hiroo Sekiya	Chiba University
Kosuke Tamura	<b>Accurate and Doppler Robust SNR Estimation using Multimodal CNN</b>	Kosuke Tamura, Shun Kojima, Shinya Sugiura, Jaesang Cha, and Chang-Jun Ahn	Chiba University
Ryunosuke Yamamoto	<b>Deep Joint Source-Channel Coding using Overlap Image Division for Block Noise Reduction</b>	Ryunosuke Yamamoto, Yoshiaki Inoue, and Daisuke Hisano	Osaka University
Haruki Sugino	<b>Antenna Evaluation in Wireless Power Transmission System for Autonomous Underwater Vehicles</b>	Haruki Sugino, Satoshi Ishitani, Atsuya Mizota, Sora Anzai, and Mamiko Inamori	Tokai University
Takahiro Saraya	<b>Received Signal Aided Implicit Node Clustering in LPWAN</b>	Takahiro Saraya, Aoto Kaburaki, Koichi Adachi, Osamu Takyu, Takeo Fujii, and Mai Ohta	The University of Electro-Communications
Yiming Chen	<b>Hier-FedMeta: A Hierarchical Federated Meta-Learning Framework for Personalized and Efficient IoV Systems</b>	Yiming Chen, Celimuge Wu, Zhaoyang Du, Yangfei Lin, Soufiene Djahel, and Lei Zhong	The University of Electro-Communications
Miyu Yamada	<b>Integrated 3D Farm Modeling with Photogrammetry and Optical Camera Communication</b>	Miyu Yamada, Naoto Yoshimoto, and Yu Nakayama	Tokyo University of Agriculture and Technology

Winner	Title	Authors	Affiliation
Weiqi Chi	<b>V2I Blockage Modeling and Performance Evaluation for Connected Autonomous Vehicle</b>	Weiqi Chi, Jin Nakazato, Tomoki Murakami and Manabu Tsukada	The University of Tokyo
Yuto Suzuki	<b>An Improved SB-SPS Scheme with Low Transmission Delay for Relay Transmission in Vehicle Platooning with C-V2X Sidelink Communication</b>	Kohei Murata, Kosuke Sanada, Hiroyuki Hatano, and Kazuo Mori,	Mie University
Shunya Morimoto	<b>Performance of Terminal-Collaborated MIMO Reception System Leveraging Multiple Decision Results</b>	Shunya Morimoto, Hayato Sugai, Hidekazu Murata, Daisuke Murayama, Toshiro Nakahira, and Tomoaki Ogawa	Yamaguchi University



三瓶 Chair と受賞者の皆様



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