IEEE VTS Tokyo/Japan Chapter 2023 Student Paper Award List (VTC2023-Fall)

Winner	Title	Authors	Affiliation
Kabuto Arai	**Self-Calibration for Channel Estimation in Hybrid Millimeter-Wave MIMO Systems**	Kabuto Arai and Koji Ishibashi	The University of Electro-Communications
Naoya Okubo	**Field Trial of AR-based Radio Signal Visualization for Better Deployment of mmWave 5G and Beyond**	Naoya Okubo, Jin Nakazato, and Kei Sakaguchi	Tokyo Institute of Technology

IEEE VTS Tokyo/Japan Chapter 2023 Young Researcher's Encouragement Award List (VTC2023-Fall)

Winner	Title	Authors	Affiliation
Shunsuke Shimizu	**Experimental Evaluation of MIMO-WLAN-based Object Detection with Reflectors**	Shunsuke Shimizu, Osamu Muta, Kazuki Noguchi, Junsuke Izumi, Tomoki Murakami, and Shinya Otsuki	Kyushu University
Yuta Kanazawa	**Multiple Superimposed Pilots for Accurate Channel Estimation in Orthogonal Time Frequency Space Modulation**	Yuta Kanazawa, Hiroki Iimori, Chandan Pradhan, Szabolcs Malomsoky, and Naoki Ishikawa	Yokohama National University
Kazuki Miyata	**A Lattice Reduction Aided Overloaded Multi-user MIMO**	Kazuki Miyata, Satoshi Denno, and Yafei Hou	Okayama University
Yuta Tomimasu	**On Adaptive Client/Miner Selection for Efficient Blockchain-Based Decentralized Federated Learning**	Yuta Tomimasu and Koya Sato	The University of Electro-Communications
Koushi Okui	**Scalable Network-Assisted Full-Duplex Cell-Free Massive MIMO With Limited Fronthaul Capacity**	Koushi Okui, Kengo Ando, Giuseppe Abreu, and Koji Ishibashi	The University of Electro-Communications
Keigo Saito	**Packet Aggregation Utilizing Multi-Antenna Beamforming in IRDT Protocol**	Keigo Saito, Takeo Fujii, Koji Ishibashi, Yu Shibata, Soma Toki, and Hideki Endo	The University of Electro-Communications

Winner	Title	Authors	Affiliation
Keigo Matsumoto	**Implementation of Deep Joint Source-Channel Coding on 5G Systems for Image Transmission**	Keigo Matsumoto, Yoshiaki Inoue, Yuko Hara-Azumi, Kazuki Maruta, Yu Nakayama, Yoshinori Shinohara, Hiroki Ikeda, and Daisuke Hisano	Osaka University
Takuma Yamazaki	**HOSVD-Based Beamspace Unitary Tensor ESPRIT for Millimeter-Wave Channel Estimation in 3D MIMO-OFDM Systems**	Takuma Yamazaki and Tetsushi Ikegami	Meiji University
Hiroki Kato	**Low-Complexity User-Centric AP Clustering Method in Downlink Cell-Free MIMO with Regularized ZF-Based Beamforming**	Kato Hiroki, Takanori Hara, Satoshi Suyama, Satoshi Nagata, and Kenichi Higuchi	Tokyo University of Science
Hiroya Kuwahara	**Energy-Efficient Frequency Block-Dependent Base Station Sleep Control Based on a Decentralized Probabilistic Approach**	Hiroya Kuwahara, Takanori Hara, Yuto Muroki, Satoshi Nagata, and Kenichi Higuchi	Tokyo University of Science
Koichi Nishikawa	**Blind Self-Interference Canceller with Adaptive Differential Delay for IBFD in the Presence of Fractional Delay Path**	Koichi Nishikawa, Shinsuke Ibi, Takumi Takahashi, and Hisato Iwai	Doshisha University
Shu Mitsui	**A Bandwidth Allocation Algorithm Mitigating Unfairness Issues in a UAV-Aided Flying Base Station Used for Disaster Recovery**	Shu Mitsui and Hiroki Nishiyama	Tohoku University
Koudai Terai	**Cohort-based Power Scaling and Gradient Recovery for Over-The-Air Federated Learning**	Koudai Terai, Yi-Han Chiang, Hai Lin, and Yusheng Ji	Osaka Metropolitan University

Winner	Title	Authors	Affiliation
Mihiro Hashimoto	**Localization Accuracy and Communication Performance of IRS-Assisted ISAC Systems**	Mihiro Hashimoto, Koji Yamamoto, Itsuki Yonemura, Toshiro Nakahira, Daisuke Murayama, Takuto Arai, Daisei Uchida, and Naoki Kita	Kyoto University
Yuto Suzuki	**Belief Propagation Overloaded MIMO Detection using MRC Reception and MMSE Pre-cancellation**	Yuto Suzuki and Yukitoshi Sanada	Keio University
Shintaro Habu	**MmWave Multi-beam V2X with Fountain Code for Joint Ultra-Broadband, Reliable, and Low Latency Communication**	Shintaro Habu, Kei Sakaguchi, and Gia Khanh Tran	Tokyo Institute of Technology
Zijie Liang	**A Slotted Polar Random Spreading Scheme for Massive MIMO Unsourced Random Access**	Zijie Liang, Yiwei Su, Huiying Song, Kazuhiko Fukawa, and Yuyuan Chang	Tokyo Institute of Technology
Ryota Kuribayashi	**Phase Noise Estimation and Compensation Using FDM Pilot for High-Order QAM Transmission in DFT-Spread OFDM Backhaul Links**	Ryota Kuribayashi and Mamoru Sawahashi	Tokyo City University

三瓶 Chair と受賞者の皆様

関係者も含めた集合写真