

IEEE VTS Tokyo/Japan Chapter 2022 Student Paper Award List (VTC2022-Fall)

Winner	Title	Authors	Affiliation
Yuu Ichikawa	Highly Efficient OFDM Applying Symbol-Edges Truncating Transmission Technique	Yuu Ichikawa, Keiichi Mizutani, and Hiroshi Harada	Kyoto University

IEEE VTS Tokyo/Japan Chapter 2022 Young Researcher's Encouragement Award List (VTC2022-Fall)

Winner	Title	Authors	Affiliation
Shuwei Zhang	Decision-making with Triple Density Awareness for Autonomous Driving using Deep Reinforcement Learning	Shuwei Zhang, Yutian Wu, Harutoshi Ogai, and Shigeyuki Tateno	Waseda University
Hayato Kanke	Pilot Signal Design for Mixed Numerology NOMA Transmission	Hayato Kanke, Yukitoshi Sanada, Hiroki Matsuda, Mitsuki Takahashi, and Ryota Kimura	Keio University
Shun Yoneda	Comparisons of Physical Cell ID Detection Methods with Carrier Frequency Offset Compensation for Millimeter-Wave Bands	Shun Yoneda, Mamoru Sawahashi, and Satoshi Nagata	Tokyo City University
Daiki Kato	Millimeter-wave Received Power Prediction Using Point Cloud Data and Supervised Learning	Daiki Kato, Yuto Muroki, Nobuhide Nonaka, and Kenichi Higuchi	Tokyo University of Science
Kazuma Matsumoto	Autonomous Decentralized User Association Method to Maximize Integrated System Throughput for Multi-service Coexistence	Kazuma Matsumoto, Takanori Hara, Yasuaki Yuda, and Kenichi Higuchi	Tokyo University of Science
Go Takita	Repetition-Based NOMA-HARQ with Adaptive Termination for URLLC	Go Takita, Takanori Hara, Yasuaki Yuda, and Kenichi Higuchi	Tokyo University of Science

Winner	Title	Authors	Affiliation
Asuka Kakehashi	PAPR Reduction Using Null Space in MIMO Channel Based on Signal Processing at Base Station for Downlink AF-Based Relaying MIMO-OFDM Signals	Asuka Kakehashi, Nobuhide Nonaka, and Kenichi Higuchi	Tokyo University of Science
Katsuya Yanai	HARQ Using Hierarchical Tree-Structured Random Access Identifiers with Random Retransmission Time Back-Off in NOMA-Based Random Access	Katsuya Yanai, Takanori Hara, Nobuhide Nonaka, and Kenichi Higuchi	Tokyo University of Science
Hirofumi Nakajo	Blockage Prediction for Millimeter-wave Communications Based on People Flow Data	Hirofumi Nakajo and Takeo Fujii	The University of Electro-Communications
Junjie Gao	Adaptive DNN-based CSI Feedback with Quantization for FDD Massive MIMO Systems	Junjie Gao, Mondher Bouazizi, Tomoaki Ohtsuki, and Guan Gui	Keio University
Hokuto Taromaru	Performance Comparison of Error-Control Schemes in Collaborative Multiple-Input Multiple-Output Systems	Hokuto Taromaru and Hidekazu Murata	Kyoto University



表彰式の参加者(20名)