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

Winner	Title	Authors	Affiliation
Akinori Matsushita	**Interference Suppression by Directivity Control Towards Frequency Sharing for Space-Air-Ground Integrated Networks in Internet of Things**	Akinori Matsushitay, Yuichi Kawamoto, and Nei Kato	Tohoku University

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

Winner	Title	Authors	Affiliation
Shinnosuke Kondo	**Autonomous Tethered Drone Cell for IoT Connectivity in 6G Communications**	Shinnosuke Kondo, Kaori Ota, Erina Takeshita, Naoto Yoshimoto, and Yu Nakayama	Tokyo University of Agriculture and Technology
Asako Shigenawa	**Predictive Equalization for Underwater Optical Camera Communication**	Asako Shigenawa, Yukito Onodera, Erina Takeshita, Daisuke Hisano, Kazuki Maruta, and Yu Nakayama	Tokyo University of Agriculture and Technology
Ayano Higuchi	**Aquatic Fronthaul for Underwater-Ground Communication in 6G Mobile Communications**	Ayano Higuchi, Erina Takeshita, Daisuke Hisano, Yoshiaki Inoue, Kazuki Maruta, Takayuki Nishio, Yuko Hara-Azumi, and Yu Nakayama	Tokyo University of Agriculture and Technology
Shoki Ohta	**Millimeter-wave Received Power Prediction Using Point Cloud Data and Supervised Learning**	Shoki Ohta, Takayuki Nishio, Riichi Kudo, and Kahoko Takahashi	Tokyo Institute of Technology
Kojin Yorita	**MAB-based Joint Optimization of Wireless LAN and Machine Learning for Communication-efficient Distributed Inference in Lossy Networks**	Kojin Yorita, Sohei Itahara, Takayuki Nishio, Daiki Yoda, and Toshihisa Nabetani	Tokyo Institute of Technology
Daiki Wakumoto	**Phase-Noise-Aware LLR Calculation for mmWave MIMO Systems with High-Order Modulation**	Daiki Wakumoto, Takumi Takahashi, Shinsuke Ibi, and Seiichi Sampei	Osaka University

Winner	Title	Authors	Affiliation
Gan Srirutchataboon	**Physical Layer Security of Buffer-Aided Hybrid Virtual Full-Duplex and Half-Duplex Relay Selection**	Gan Srirutchataboon and Shinya Sugiura	The University of Tokyo
Akihiko Tatematsu	**Demodulation using High-Order Moments on a Stochastic Resonance Receiver with a Few-bit ADC**	Akihiko Tatematsu, Hiroyuki Hatano, Kosuke Sanada, Kazuo Mori, Hiroya Tanaka, and Yukihiro Tadokoro	Mie University
Huiying Song	**Encoding and Decoding of Polar Codes for Frequency Selective Fading Channels**	Huiying Song, Yuyuan Chang, and Kazuhiko Fukawa	Tokyo Institute of Technology
Tatsuya Nakazato	**Radio Access Control of Access Points and Intelligent Reflecting Surfaces for Data Rate Improvement in Joint Transmission**	Tatsuya Nakazato, Yuichi Kawamoto, and Nei Kato	Tohoku University
Keita Fukushima	**Single-cell Dynamic Duplex Cellular System Using Distributed Receive-only Base Stations**	Keita Fukushima, Shota Mori, Keiichi Mizutani, and Hiroshi Harada	Kyoto University
Gunhee Cho	**Object Recognition Network using Continuous Roadside Cameras**	Gunhee Cho, Yusuke Shinyama, Jin Nakazato, Kazuki Maruta, and Kei Sakaguchi	Tokyo Institute of Technology
Ren Nishida	**A Station Grouping Method Considering Heterogeneous Traffic and Multiple Data Rates for IEEE 802.11ah Networks with Non-uniform Station Deployment**	Ren Nishida, Maki Shimokawa, Kosuke Sanada, Hiroyuki Hatano, and Kazuo Mori	Mie University

VTS-T/J Chair の三瓶先生と受賞者（オンラインで表彰式を開催）

表彰式の参加者（26 名）