

VTC2018-Fall Student Paper Award List

Winner	Title	Authors	Affiliation
Daichi Tamate	Precoder Design Algorithm for Hybrid MIMO System with Discrete Phase Shifters and D/A Converters	Daichi Tamate and Yukitoshi Sanada	Keio University

VTC2018-Fall Young Researcher's Encouragement Award List

Winner	Title	Authors	Affiliation
Haruya Ishikawa	System Throughput Analysis on Using Joint Detection in Distributed Antenna System	Haruya Ishikawa and Yukitoshi Sanada	Keio University
Yutaro Kobayashi	Low Complexity Metric Function for Gibbs Sampling MIMO Detection	Yutaro Kobayashi and Yukitoshi Sanada	Keio University
Anh-Tuan H. Bui	Free Access Distributed Queue Protocol for Massive Cellular-based M2M Communications with Bursty Traffic	Anh-Tuan H. Bui, Chuyen T. Nguyen, Truong C. Thang, and Anh T. Pham	University of Aizu
Kota Nakashima	Impact of Input Data Size on Received Power Prediction Using Depth Images for mmWave Communications	Kota Nakashima, Yusuke Koda, Koji Yamamoto, Hironao Okamoto, Takayuki Nishio, Masahiro Morikura, Yusuke Asai, and Ryo Miyatake	Kyoto University
Yuya Aoki	Time Series Analysis of Multiple Primary User Environment using HMM-based Spectrum Sensing	Yuya Aoki, Takeo Fujii, and Teruji Ide	University of Electro-Communications
Masayuki Kawata	Investigation on Structure of Interference Canceller for IDMA-Based Random Access	Masayuki Kawata, Kiichi Tateishi, and Kenichi Higuchi	Tokyo University of Science
Tatsuki Sakai	Channel-Dependent Dynamic Frequency Bandwidth Allocation Method Among Service Channels to Maximize Integrated System Throughput	Tatsuki Sakai, Yasuaki Yuda, and Kenichi Higuchi	Tokyo University of Science
Hiroki Kotake	Proposal and Evaluation of SPF-DPS Scheduling for DPS-CoMP in LTE System	Hiroki Kotake, Takeshi Hattori, and Masakatsu Ogawa	Sophia University
Hiroki Yanai	Flight Schemes Considering Breaks for Wireless Relay Networks Using Drones during Large-Scale Disasters	Hiroki Yanai, Hiraku Okada, Kentaro Kobayashi, and Masaaki Katayama	Nagoya University
Hirofumi Suganuma	Theoretical System Capacity of Multi-user MIMO THP in the Presence of Terminal Mobility	Hirofumi Suganuma, Yukiko Shimbo, Nobuhiro Hiruma, Hiromichi Tomeba, Takashi Onodera, and Fumiaki Maehara	Waseda University
Hirofumi Tsuda	Randomization Algorithm for Partial Transmit Sequence with Semidefinite Relaxation	Hirofumi Tsuda and Ken Umeno	Kyoto University
Takahiro Okano	Overlap-Windowed-DFTs-OFDM with Overlap FFT Filter-Bank for Flexible Uplink Access in 5G and Beyond	Takahiro Okano, Masahiro Umehira, Xiaoyan Wand, and Shigeki Takeda	Ibaraki University



表彰式における参加者