

VTC2011-Fall Student Paper Award List

Winner	Title	Authors	Affiliation
Hiroyuki Osada	Adjacent Channel Interference Cancelation in Fractional Sampling OFDM Receiver	Hiroyuki Osada, Haruki Nishimura, Mamiko Inamori, and Yukitoshi Sanada	Keio University

VTC2011-Fall Young Researcher's Encouragement Award List

Winner	Title	Authors	Affiliation
Prasertsak Charoen	Codebook Based Interference Mitigation with Base Station Cooperation in Multi-cell Cellular Network	Prasertsak Charoen and Tomoaki Ohtsuki	Keio University
Hirofumi Yamaura	Superposition Coding Scheme with Discrete Adaptive Modulation for Wireless Relay Systems	Hirofumi Yamaura, Megumi Kaneko, Kazunori Hayashi, and Hideaki Sakai	Kyoto University
Jingze Dai	CSMA/CA Performance under Fading Environment with Two-Dimensional Distribution of Hidden Terminal	Jingze Dai and Yasushi Yamao	The University of Electro-Communications
Tomohiro Takeda	Enhanced User Fairness Using Non-orthogonal Access with SIC in Cellular Uplink	Tomohiro Takeda and Kenichi Higuchi	Tokyo University of Science
Yasuyuki Hasegawa	Bi-directional Signal Detection and Decoding for Hybrid ARQ Using Superposition Coding	Yasuyuki Hasegawa and Kenichi Higuchi	Tokyo University of Science
Yuki Tajika	Muting-Based Partially Non-orthogonal Block Diagonalization in Multiuser MIMO with Limited Channel State Information Feedback	Yuki Tajika, Hidekazu Taoka [†] , and Kenichi Higuchi	Tokyo University of Science, [†] DOCOMO Communications Laboratories Europe
Nam Hoai Nguyen	RLS for Link Trigger in Handover across Heterogeneous Wireless Networks	Nam Hoai Nguyen, Zhenyu Zhou, and Takuro Sato	Waseda University
Yi Jiang	Performance Evaluation of Four Orthogonal Single Sideband Elements Modulation Scheme in Multi-Carrier Transmission Systems	Yi Jiang, Zhenyu Zhou, Masahiko Nanri [†] , Gen-Ichiro Ohta, and Takuro Sato	Waseda University, [†] Panasonic Mobile Communications
Ryusuke Matsukawa	Downlink Throughput Performance of Distributed Antenna Network Using Transmit/Receive Diversity	Ryusuke Matsukawa, Tatsunori Obara, Kazuki Takeda, and Fumiyuki Adachi	Tohoku University
Katsuhiko Temma	Improved 2-step QRM-ML Block Signal Detection for Single-Carrier Transmission	Katsuhiko Temma, Tetsuya Yamamoto, and Fumiyuki Adachi	Tohoku University