

VTC2012-Fall Student Paper Award List

Winner	Title	Authors	Affiliation
Hiroyuki Miyazaki	Joint Transmit/Receive MMSE-FDE for MIMO Analog Network Coding in Single-Carrier Bi-Directional Relay Communications	Hiroyuki Miyazaki, Masayuki Nakada, Tatsunori Obara, and Fumiyuki Adachi	Tohoku University
Shinya Kumagai	Spectral Efficiency of Distributed Antenna Network Using MIMO Spatial Multiplexing	Shinya Kumagai, Ryusuke Matsukawa, Tatsunori Obara, Tetsuya Yamamoto, and Fumiyuki Adachi	Tohoku University

VTC2012-Fall Young Researcher's Encouragement Award List

Winner	Title	Authors	Affiliation
Mai Ohta	Channel Selection Statistics for Control Information Sharing within Cognitive Radio Networks	Mai Ohta, Takamasa Kimura, Hasan Rajib Imam, Sean Roche, Jingkai Su, Alexander M. Wyglinski, and Takeo Fujii	The University of Electro-Communications and Worcester Polytechnic Institute
Meng Cheng	Outage Analysis of Correlated Source Transmission in Block Rayleigh Fading Channels	Meng Cheng, Khoirul Anwar, and Tad Matsumoto	Japan Advanced Institute of Science and Technology (JAIST)
Xiaobo Zhou	EXIT Chart Based Joint Source-Channel Coding for Binary Markov Sources	Xiaobo Zhou, Khoirul Anwar, and Tad Matsumoto	Japan Advanced Institute of Science and Technology (JAIST)
Shoki Inoue	Throughput Performance of CF-Based Adaptive PAPR Reduction Method for Eigenmode MIMO-OFDM Signals with AMC	Shoki Inoue, Kenichi Higuchi, and Teruo Kawamura	Tokyo University of Science and NTT DOCOMO
Min Zheng	IBI Cancellation and Circular Property Restoration for Broadband DS-CDMA Using FDE without CP Insertion	Min Zheng, Wei Peng, and Fumiyuki Adachi	Tohoku University
Juan Camilo Corena	A Multiple-MAC-Based Protocol to Identify Misbehaving Nodes in Network Coding	Juan Camilo Corena and Tomoaki Ohtsuki	Keio University
Wataru Arita	Novel Receive Diversity Scheme Using ESPAR Antenna and Arbitrary Frequency Band	Wataru Arita and Masato Saito	University of the Ryukyus

Winner	Title	Authors	Affiliation
Mirza Golam Kibria	Partitioned Vector Quantization for MU-MIMO Downlink Broadcasting	Mirza Golam Kibria, Hidekazu Murata, Susumu Yoshida, Koji Yamamoto, Daisuke Umehara, Satoshi Denno, and Masahiro Morikura	Kyoto University, Kyoto Institute of Technology, and Okayama University
Makoto Miyagoshi	Experimental Verification of PER Performance of STBC-based Multi-hop Cooperative Relaying	Makoto Miyagoshi, Hidekazu Murata, Susumu Yoshida, Koji Yamamoto, Daisuke Umehara, Satoshi Denno, and Masahiro Morikura	Kyoto University, Kyoto Institute of Technology, and Okayama University
Masato Taniguchi	Field Experiments of Linearly Precoded Multi-User MIMO System at 5 GHz Band	Masato Taniguchi, Hidekazu Murata, Susumu Yoshida, Koji Yamamoto, Daisuke Umehara, Satoshi Denno, and Masahiro Morikura	Kyoto University, Kyoto Institute of Technology, and Okayama University
Yuki Oda	Dual Type Communication Range Recognition Method (D-CRR) for Indoor Position Estimation of Passive RFID Tags	Yuki Oda, Atsuki Inada, Emi Nakamori, Manato Fujimoto, Tomotaka Wada, Kouichi Mitsuura, and Hiromi Okada	Kansai University and Shinshu University