VTC2010-Spring Student Paper Award List

Winner	Title	Authors	Affiliation
Kazuki Takeda	**Single-carrier Hybrid ARQ Using Joint Transmit/Receive MMSE-FDE**	Kazuki Takeda and Fumiyuki Adachi	Tohoku University
Felipe M. Costa	**Energy Optimization for Reliable Point-to-Point Communication in Energy-Constrained Networks**	Felipe M. Costa and Hideki Ochiai	Yokohama National University

VTC2010-Spring Young Researcher's Encouragement Award List

Winner	Title	Authors	Affiliation
Naohiro Tsuji	**Extrinsic Information Setting for Belief Propagation Decoding with Network Coding**	Naohiro Tsuji and Tomoaki Ohtsuki	Keio University
Yuichi Kazama	**Impact of Frequency Diversity and Multi-User Diversity in IFDMA**	Yuichi Kazama, Akira Yamasaki, Koichi Adachi, and Masao Nakagawa	Keio University
Jun Shikida	**Iterative Receiver Employing Multiuser Detection and Channel Estimation for MIMO-OFDM IDMA**	Jun Shikida, Satoshi Suyama, Hiroshi Suzuki, and Kazuhiko Fukawa	Tokyo Institute of Technology
Shusaku Umeda	**PAPR Reduction Method for Block Diagonalization in Multiuser MIMO-OFDM Systems**	Shusaku Umeda, Satoshi Suyama, Hiroshi Suzuki, and Kazuhiko Fukawa	Tokyo Institute of Technology
Suguru Okuyama	**MMSE Frequency-domain Equalization Using Spectrum Combining for Nyquist Filtered Broadband Single-Carrier Transmission**	Suguru Okuyama, Kazuki Takeda and Fumiyuki Adachi	Tohoku University
Tatsunori Obara	**Joint Frequency-domain Equalization & Spectrum Combining for The Reception of SC Signals in the Presence of Timing Offset**	Tatsunori Obara, Kazuki Takeda and Fumiyuki Adachi	Tohoku University
Hui Zhou	**Chained Turbo Equalization for Block Transmission without Guard Interval**	Khoirul Anwar*, Hui Zhou*, and Tad Matsumoto*†	*JAIST and †University of Oulu
I Wayan Mustika	**Spectrum Sharing with Interference Management for Distributed Cognitive Radio Networks: A Potential Game Approach**	I Wayan Mustika, Koji Yamamoto, Hidekazu Murata, and Susumu Yoshida	Kyoto University
Toru Nagura	**Improved Decoding Methods of Visible Light Communication System for ITS using LED Array and High-Speed Camera**	Toru Nagura*, Takaya Yamazato*, Masaaki Katayama*, Tomohiro Yendo*, Toshiaki Fujii**, and Hiraku Okada†	*Nagoya University, **Tokyo Institute of Technology, and †Saitama University

Masao Iwasaki	**Clipping and Filtering-Based PAPR Reduction Method for Precoded OFDM-MIMO Signals**	Masao Iwasaki and Kenichi Higuchi	Tokyo University of Science
Fuminori Takahashi	**HARQ for Predetermined-Rate Multicast Channel**	Fuminori Takahashi and Kenichi Higuchi	Tokyo University of Science
Hiroyuki Kubo	**Topology Control Using Multi-dimensional Context Parameters for Mobile P2P Networks**	Hiroyuki Kubo, Ryoichi Shinkuma, and Tatsuro Takahashi	Kyoto University
Keiichi Mizutani	**1. Hardware Prototype for Two-way Multi-hop Relay Network with MIMO Network Coding** **2. Network Synchronization for Two-way Multi-hop Relay Networks with Block Modulation**	1. Keiichi Mizutani*, Takehiro Miyamoto†, Takamichi Kanno†, Kei Sakaguchi* and Kiyomichi Araki* 2. Keiichi Mizutani, Kei Sakaguchi and Kiyomichi Araki	1. *Tokyo Institute of Technology and †Nihon Dengyo Kosaku 2. Tokyo Institute of Technology
Namzilp Lertwiram	**MIMO Radio Propagation Measurement for Two-Hop Relay Network on L-shaped Corridor with Network Performance Analysis**	Namzilp Lertwiram, Gia Khanh Tran, Keiichi Mizutani, Kei Sakaguchi, and Kiyomichi Araki	Tokyo Institute of Technology