VTC2010-Fall Student Paper Award List

Winner	Title	Authors	Affiliation
Ngo Duc Thuan	**On Performance Evaluation of Reliable Topology Control Algorithms in Mobile Ad Hoc Networks**	Ngo Duc Thuan, Hiroki Nishiyama, Nirwan Ansari*, and Nei Kato	Tohoku University *New Jersey Institute of Technology

VTC2010-Fall Young Researcher's Encouragement Award List

Winner	Title	Authors	Affiliation
Takahiro Fujitani	**Experimental Study of Mobile Propagation Loss Correction Formula for a Slope Terrain Area**	Takahiro Fujitani, Shigeru Tomisato, and Masaharu Hata	Okayama University
Muhammad Tariq	**Diffusion Based Self-deployment Algorithm for Mobile Sensor Networks**	Muhammad Tariq, Zhenyu Zhou, Yong-Jin Park, and Takuro Sato	Waseda University
AbdulRahman AL-ABBASI	**A Novel Blind Diversity Detection Scheme for Multi-antenna Cognitive Radio Spectrum Sensing**	AbdulRahman AL-ABBASI and Takeo Fujii	The University of Electro-Communications
Ayana Suzuki	**Subcarrier Weighting Scheme in OFDM Receiver with ΣΔ A/D Converter on Multipath Fading Channels**	Ayana Suzuki, Mamiko Inamori, and Yukitoshi Sanada	Keio University
Masashi Itagaki	**Lattice Reduction-aided Uplink Multi-user MIMO in OFDM Cellular Systems**	Masashi Itagaki, Kazuki Takeda, and Fumiyuki Adachi	Tohoku University
Akihiro Kuwabara	**Field Experimental Results of Multi-hop Cooperative Communications using STBC Technique**	Akihiro Kuwabara, Yuji Oishi, Hidekazu Murata, Koji Yamamoto, and Susumu Yoshida	Kyoto University
Xiaoyan Wang	**Secure and Efficient Data Aggregation for Wireless Sensor Networks**	Xiaoyan Wang, Jie Li, Xiaoning Peng*, and Beiji Zou [†]	University of Tsukuba *Huaihua College *University of Birmingham †Central South University
Quang Tran Minh	**Granular Quantifying Traffic States Using Mobile Probes**	Quang Tran Minh and Eiji Kamioka	Shibaura Institute of Technology
Yoshinari Sato	**CF-Based Adaptive PAPR Reduction Method for Precoded MIMO-OFDM Signals in Frequency-Selective Faded Channel**	Yoshinari Sato, Masao Iwasaki, and Kenichi Higuchi	Tokyo University of Science

Koichi Tahara	**Frequency-Domain Punctured Turbo Codes**	Koichi Tahara and Kenichi Higuchi	Tokyo University of Science
Valtteri Tervo	**Joint Source-Channel Coding Using Multiple Label Mapping**	Valtteri Tervo*[†], Tad Matsumoto*[†], and Juha Karjalainen[†]	*JAIST †University of Oulu