

### VTC2014-Fall Student Paper Award List

Winner	Title	Authors	Affiliation
Nobuhide Nonaka	<b>Non-orthogonal Multiple Access Using Intra-beam Superposition Coding and SIC in Base Station Cooperative MIMO Cellular Downlink</b>	Nobuhide Nonaka, Yoshihisa Kishiyama, and Kenichi Higuchi	Tokyo University of Science
Keisuke Miyanabe	<b>Synchronized Power Saving Mechanisms for Battery-Powered Mobile Terminals in Smart FiWi Networks</b>	Nisuke Miyanabe, Hiroki Nishiyama, Nei Kato, Hiroataka Ujikawa, Ken-Ichi Suzuki, and Naoto Yoshimoto	Tohoku University



**VTC2014-Spring Young Researcher's Encouragement Award List (1/2)**

Winner	Title	Authors	Affiliation
Battulga Davaasambuu	<b>A Cost Based Handoff Hysteresis Scheme in Wireless Mobile Relay Node</b>	Battulga Davaasambuu and Takuro Sato	Waseda University
Ruijian An	<b>Video Streaming for Highway VANET Using Scalable Video Coding</b>	Ruijian An, Zhi Liu, Yusheng Ji	National Institute of Informatics, The Graduate University for Advanced Studies
Kota Ito	<b>Joint Control of Autonomous Cell Association and Power Control for Heterogeneous Networks with Inter-cell Interference Coordination</b>	Kota Ito and Kenichi Higuchi	Tokyo University of Science
Soya Matsui	<b>Transmission Power Control Method Using Protected and Non-protected Bands Based on Shared Metric Among Base Stations for Downlink Heterogeneous Networks</b>	Soya Matsui and Kenichi Higuchi	Tokyo University of Science
Yoshitaka Ikeda	<b>Proportional Fair-Based Joint Optimization of Cell Association and Inter-cell Interference Coordination for Heterogeneous Networks</b>	Yoshitaka Ikeda, Shozo Okasaka, Masayuki Hoshino, and Kenichi Higuchi	Tokyo University of Science
Kensuke Ikeda	<b>A Virtual MIMO Relay System with Unmanned Aircraft and Multiple Ground Stations</b>	Kensuke Ikeda, Fumie Ono, Hideki Ochiai and Ryu Miura	Yokohama National University

**VTC2014-Spring Young Researcher's Encouragement Award List (2/2)**

Winner	Title	Authors	Affiliation
Ryo Takai	<b>Window Functions for Frame Correlation Reduction in Overlapped FFT based Energy Detection</b>	Ryo Takai, Shoya Uchida, and Yukitoshi Sanada	Keio University
Thanh Hai Vo	<b>Novel Analog Signal Transmission using Joint Space-Time Transmit Diversity and Receive Antenna Diversity</b>	Thanh Hai Vo Shinya Kumagai and Fumiyuki Adachi	Tohoku University
Shohei Inoshita	<b>Complexity-reduced Per-Antenna Multiple Access Interference Cancellation for DAN Using DS-CDMA</b>	Shohei Inoshita, Hiroyuki Miyazaki and Fumiyuki Adachi	Tohoku University
Le Tien Trien	<b>Improving Performance of Packet Combining Relay for ITS V2V Communication</b>	Le Tien Trien, Yasushi Yamao	The University of Electro-Communications