

### VTC2013-Fall Student Paper Award List

Winner	Title	Authors	Affiliation
Ryota Yoshizawa	<b>Analysis and Optimization of Trellis Shaping Concatenated with Bit-Interleaved Coded Modulation</b>	Ryota Yoshizawa and Hideki Ochiai	Yokohama National University
Daisuke Takaishi	<b>On the Effect of Data Request Message Flooding in Dense Wireless Sensor Networks with a Mobile Sink</b>	Daisuke Takaishi , Hiroki Nishiyam, Nei Kato, and Ryu Miura	Tohoku University

**VTC2013-Fall Young Researcher's Encouragement Award List**

Winner	Title	Authors	Affiliation
Tetsunosuke Koizumi	<b>Simple Decentralized Cell Association Method for Heterogeneous Networks in Fading Channel</b>	Tetsunosuke Koizumi and Kenichi Higuchi	Tokyo University of Science
Yuta Hayashi	<b>Investigations on Power Allocation Among Beams in Nonorthogonal Access with Random Beamforming and Intra-beam SIC for Cellular MIMO Downlink</b>	Yuta Hayashi, Yoshihisa Kishiyama, and Kenichi Higuchi	Tokyo University of Science
Hiroyuki Sasaki	<b>Extrinsic LLR of Soft-Demapper under Presence of Channel Estimation Errors</b>	Hiroyuki Sasaki, Shinsuke Ibi and Seiichi Sampei	Osaka University
Takayoshi IWATA	<b>Capacity-Fairness Controllable Scheduling for Uplink Single-carrier FDMA</b>	Takayoshi IWATA,, Kazuhiko Kimumra, Hiroyuki MIYAZAKI, Tatsunori OBARA, Fumiyuki ADACHI	Tohoku University
Ou Zhao	<b>Channel Capacity of Distributed MIMO Antenna Systems under the Effect of Spatially Correlated Shadowing</b>	Ou Zhao, Hidekazu Murata, Susumu Yoshida	Kyoto University
Shoya TAKEBUCHI,	<b>A Deterministic Transmit Power Control for OFDM Clipping and Filtering</b>	Shoya TAKEBUCHI, Gen OSADA, and Fumiaki MAEHARA	Waseda Univeristy
Kohei Ogawa	<b>IEEE 802.11ah based M2M network employing virtual grouping and power saving methods</b>	Kohei Ogawa , Yuki Sangenya , Masahiro Morikura , Koji Yamamoto , and Tomoyuki Sugihara	Kyoto University
Gerard J. PARAISSON	<b>Study of an Iterative Resource Allocation Algorithm for a 2-hop OFDMA Virtual Cellular Network</b>	Gerard J. PARAISSON, Eisuke KUDOH	Tohoku Institute of Technology