

Invited Special Session on IEICE Communications Society Editorial Board

Dec. 3 (Fri) 13:00-13:50 (JST)

Session SS1		Chair: Takaya Yamazato (Nagoya University)
SS1-1	Opening	Takaya Yamazato (Nagoya University)
SS1-2	Displacement and vibration monitoring by GB-SAR	Motoyuki Sato (Tohoku University)

Dec. 3 (Fri) 14:00-14:50 (JST)

Session SS2		Chair: Toshihiko Nishimura (Hokkaido University)
SS2-1	Two Methods of Conducted Disturbance Voltage Measurement with Floating Measurement Equipment	Naruto Arai (NTT East)
SS2-2	Enhanced Selected Mapping for Impulsive Noise Blanking in Multi-Carrier Power-line Communication Systems	Osamu Muta (Kyushu University)

Session SS3		Chair: Kazunori Hayashi (Kyoto University)
SS3-1	Radio Propagation Prediction by Artificial Neural Network for Wireless Service Area Planning	Kentaro Saito (Tokyo Denki University), Yongri Jin (Tokyo Institute of Technology), CheChia Kang (Tokyo Institute of Technology), Jun-ichi Takada (Tokyo Institute of Technology), Jenq-Shiou Leu (National Taiwan University of Science and Technology)
SS3-2	Efficient Channel Control for Coexistence of Human and Machine Type Communications	Kazuhiko Kinoshita (Tokushima University), Shu Nishikori (Osaka University), Yosuke Tanigawa (Osaka Prefecture University), Hideki Tode (Osaka Prefecture University), Takashi Watanabe (Osaka University)

Dec. 3 (Fri) 15:00-16:15 (JST)

Session SS4		Chair: Osamu Muta (Kyushu University)
SS4-1	Complexity-Reduced Adaptive PAPR Reduction Method Using Null Space in MIMO Channel for MIMO-OFDM Signals	Kenichi Higuchi (Tokyo University of Science)
SS4-2	PAPR Reduction of Coded Modulation Schemes Using Product Codes over Hexagonal Constellations	Hirohisa Kitahara (Ministry of Defense)
SS4-3	Block Diagonalization using General Inverse Matrix for MU-MIMO	Keiichi Uchida (NTT DOCOMO, INC.), Mitoshi Fujimoto (University of Fukui), Koshiro Kitao (NTT DOCOMO, INC.), Tetsuro Imai (Tokyo Denki University)

Session SS5		Chair: Kazuhiko Kinoshita (Tokushima University)
SS5-1	Reducing Dense Virtual Networks for Fast Embedding	Toru Mano (NTT)
SS5-2	How to use real IoT devices as malware sandbox	Satoshi Hara (FUJISOFT/Yokohama National University), Jia Xiong (Yokohama National University), Tatsuya Tamai (Yokohama National University), Kazuki Tamiya (Yokohama National University), Rui Tanabe (Yokohama National University), Akira Fujita (Yokohama National University), Katsunari Yoshioka (Yokohama National University), Tsutomu Matsumoto (Yokohama National University)
SS5-3	Efficient Reliability Evaluation of Multi-Domain Networks with Secure Intra-Domain Privacy	Atsushi Taniguchi (NTT), Takeru Inoue (NTT), Kohei Mizuno (NTT) and Takashi Kurimoto (NII), Atsuko Takefusa (NII), and Shigeo Urushidani (NII)