

Invited Session

Dec. 1 (Wed) 13:00-14:40 (JST)

Session IA1		Chair: Koichi Adachi (University of Electro-Communications)
IA1-1	Communication Technologies in Wireless Sensor Networks	Kampol Woradit (Chiang Mai University, Thailand)
IA1-2	Wireless Link Quality Prediction based on Deep Neural Network for Autonomous Mobility Robots	Riichi Kudo (NTT Corporation)
IA1-3	Mobility for QoS: User Cooperative Mobility in Ad Hoc Network	Tutomu MURASE (Nagoya University)
IA1-4	Data Gathering of Wireless Sensor Networks for Recognition of Event Position	Osamu Takyu (Shinshu University), Masashi Oda (Shinshu University)

Session IB1		Chair: Katsuyoshi Iida (Hokkaido University)
IB1-1	Recent Progress in Quality of Experience Studies	Tatsuya Yamazaki (Niigata University)
IB1-2	Towards Improving Online Conferences: Lessons from the Neuromatch Conferences	Titipat Achakulvisut (Mahidol University)
IB1-3	On the Relation between Community Structure and Information Diffusion on Social Media	Sho Tsugawa (Tsukuba University)
IB1-4	Toward Efficient Federated Learning for Internet of Vehicles	Celimuge Wu (University of Electro-Communications)

Dec. 2 (Thu) 9:30-10:45 (JST)

Session IA2		Chair: Keisuke Noguchi (Kanazawa Institute of Technology)
IA2-1	Long-term observation of the rain attenuation statistics in satellite communications links	Yasuyuki MAEKAWA (Osaka Electro-Communication University)
IA2-2	Integrated Visible Light Communication and Positioning Systems	Arokiaswami Alphones (Nanyang Technological University, Singapore)
IA2-3	Terminal Collaborative MIMO Reception: A New Technique for Exploiting Higher-Frequency Bands	Hidekazu Murata (Kyoto University)

Session IB2		Chair: Akihide Sano (Ritsumeikan University)
IB2-1	Low Loss MCF Technology	Masanori Takahashi (Furukawa Electric Co., Ltd.)
IB2-2	High-Capacity Transmission based on Mode Division Multiplexing Technologies	Daiki Soma (KDDI Research, Inc.)
IB2-3	Key Technologies and Activities toward Openness of Optical Transport System	Seiki Kuwabara (NTT Communications Corporation)

Dec. 2 (Thu) 17:00-18:15 (JST)

Session IA3		Chair: Tetsushi Ikegami (Meiji University)
IA3-1	Controlling Energy Flows in a Network of Electrical Oscillators by using Active Chaos	Arturo Buscarino (DIEEI, University of Catania, Italy)
IA3-2	BAN and D2D For Enabling Elderly Health Monitoring in Remote Areas	Huan-Bang Li (NICT)
IA3-3	Active/Passive Imaging Techniques For Security Applications	Hiroyasu Sato (Tohoku University)

Session IB3		Chair: Takaya Miyazawa (NICT)
IB3-1	Intent-based Network Service Operations with Models and AI/ML	Takayuki Kuroda (NEC Corporation)
IB3-2	Problems, Their Solutions and Standardization in Named Base Communication for IoT services	Tetsuya Yokotani (Kanazawa Institute of Technology (KIT))
IB3-3	Role of Standardization for Technological Innovation ~Introduction of Technical Committee on Standardization and Innovation in ICT(SIIT)-	Toru Yamada (NEC Corporation)