

## Poster Session

Dec. 1 (Wed) 15:30-17:00

Session P1: Emerging Technologies for Communications I		
P1-1	Planar Single-Coil Transmitters for Efficiently Charging Smart Devices of Various Receiving Coil Sizes	Ryotaro Kudo (Hirosaki University), Koutaro Hachiya (Teikyo Heisei University), Toshiki Kanamoto (Hirosaki University), Atsushi Kurokawa (Hirosaki University)
P1-2	Consideration of circular polarization of MACKEY	Keito Yokoe (Kanazawa institute of technology), Keisuke Miyashita (Kanazawa institute of technology), Kota Hakamata (Kanazawa institute of technology), Shigeru Makino (Kanazawa institute of technology), Kenji Itoh (Kanazawa institute of technology)
P1-3	A Study of Receiver Beamforming in 100 GHz-Band Massive MIMO Transmission	Nobuhide Nonaka (NTT DOCOMO, Inc.), Satoshi Suyama (NTT DOCOMO, Inc.), Tatsuki Okuyama (NTT DOCOMO, Inc.), Takahiro Asai (NTT DOCOMO, Inc.)
P1-4	Cache Replacement Algorithm for Extending Locality of Reference in the Second Cache	Naomichi Fukuda (Kogakuin University), Kenichi Kourai (Kyushu Institute of Technology), Saneyasu Yamaguchi (Kogakuin University)
P1-5	Influence of Virtual Array Location on THz Target Estimation Using SAA Applying MUSIC with Virtual Array	Keisuke Kobayashi (Chiba Institute of Technology), Keizo Cho (Chiba Institute of Technology), Hiroaki Nakabayashi (Chiba Institute of Technology), Koji Suizu (Chiba Institute of Technology)
P1-6	Blind Signal Separation Using Array Antenna with Modified Adaptive-Stepsize KMA	Keita Sekiyama (Nagoya Institute of Technology), Nobuyoshi Kikuma (Nagoya Institute of Technology), Kunio Sakakibara (Nagoya Institute of Technology), Yoshiki Sugimoto (Nagoya Institute of Technology)
P1-7	Design and directivity evaluation of small circular polarized antenna for UAV using FDTD method	Shinichiro Yamamoto (University of Hyogo), Satoru Aikawa (University of Hyogo)
P1-8	Gathering Scheme of Received Signal Strength Indication for Location Estimation of Traveling Radio Source in Sensor Networks	Taiki Suehiro (Shinshu University), Kenichiro Yamamoto (Shinshu University), Osamu Takyu (Shinshu University), Yasushi Fuwa (Shinshu University)
P1-9	Proposal of Optical Feedforward Amplifier by Optical Signal Processing	Tao Guo (University of Toyama), Junji Murotani (University of Toyama), Koji Kikushima (University of Toyama)
P1-10	Channel selection with multi-armed bandit algorithm based on delay time	Takashi Imanaka (Fukuoka University), Mai Ohta (Fukuoka University), Makoto Taromaru (Fukuoka University)
P1-11	Vibration sensor configured in a cable using bidirectional Mach-Zehnder type optical fiber interferometer	Hiroki Fujita (Mie University), Tetsuya Manabe (Mie University), Atsushi Nakamura (Nippon Telegraph and Telephone Corporation), Yusuke Koshikiya (Nippon Telegraph and Telephone Corporation)
P1-12	A Study on Adaptive-Bitrate-Aware Cache Decision Policy for Video Streaming over Information-Centric Networking	Naoki Shibuya (Kansai University), Yusaku Hayamizu (National Institute of Information and Communications Technology (NICT)), Miki Yamamoto (Kansai University)
P1-13	Incentive Mechanism for Maximizing Social Surplus in Federated Learning with Differential Privacy	Shota Miyagoshi (University of Fukui), Takuji Tachibana (University of Fukui)
P1-14	A Scheme of Extracting Network Configuration Template Blocks Based on Tucker Decomposition	Daisuke Hanamitsu (Kindai University), Kimihiro Mizutani (Kindai University), Satoru Kobayashi (National Institute of Informatics), Kensuke Fukuda (National Institute of Informatics), Osamu Akashi (National Institute of Informatics)
P1-15	Shared Backup Path Establishment Method in SDM-EON	Motoi Kato (Kogakuin University), Ken-ichi Baba (Kogakuin University)
P1-16	A Study on the Effect of Network Topology Coarsening on QoS of Communication Networks	Hiroyoshi Sawano (Kwansei Gakuin University), Takeaki Iwata (Kwansei Gakuin University), Keita Kitaura (Kwansei Gakuin University), Ryotaro Matsuo (Kwansei Gakuin University), Hiroyuki Ohsaki (Kwansei Gakuin University)
P1-17	Improvement of Distribution and Stabilization of Throughputs of TCP BBR Connections on a High Latency Network	Kohei Ogawa (Kogakuin University), Saneyasu Yamaguchi (Kogakuin University)
P1-18	Implementation and Evaluation of Object Detection Using Mixed Reality Devices with Edge Computing	Mitsuhiro Yamashita (Sophia University), Masaki Bandai (Sophia University)
P1-20	A Performance Study on Array Processing in Kotlin and Java	Atsuya Sonoyama (Kogakuin University), Takeshi Kamiyama (Nagasaki University), Masato Oguchi (Ochanomizu University), Saneyasu Yamaguchi (Kogakuin University)
P1-21	A Study of Fiducial Point as Feature for Application of Heartbeat Waveform Extracted with mm-wave Radar to Personal Authentication	Hayato Shinohara (Nihon University), Yaokun Hu (Nihon University), Takeshi Toda (Nihon University)
P1-22	Proposal of Window on Conversation Tree to Disaster Information Collecting	Toshiyuki Fujita (Kogakuin University), Aki Kobayashi (Kogakuin University)
P1-23	Service Discovery Mechanism on Location-based P2P Platforms	Yugo Sakuma (Shibaura Institute of Technology), Takumi Miyoshi (Shibaura Institute of Technology), Taku Yamazaki (Shibaura Institute of Technology), Thomas Silverston (Shibaura Institute of Technology)