

Poster Session

Dec. 2 (Thu) 13:30-15:00

Session P2: Emerging Technologies for Communications II		
P2-1	Proposal of time-synchronized random sequence generation based on Wireless Two-way Interferometry	Yusuke Yamasaki (The University of Tokyo), Nobuyasu Shiga (National Institute of Information and Communications Technology), Satoshi Yasuda (National Institute of Information and Communications Technology), Kenichi Takizawa (National Institute of Information and Communications Technology), Maki Yoshida (National Institute of Information and Communications Technology), Makoto Naruse (The University of Tokyo)
P2-2	Performance Improvement of TSVD-FOCUSS Algorithm in DOA Estimation Using Array Antenna	Motoya Ichikawa (Nagoya Institute of Technology), Nobuyoshi Kikuma (Nagoya Institute of Technology), Kunio Sakakibara (Nagoya Institute of Technology), Yoshiaki Sugimoto (Nagoya Institute of Technology)
P2-3	Clustering of Multiple Targets by Weighted k-Means Method in MIMO Radar Using Capon Beamformer	Ziwei Liu (Nagoya Institute of Technology), Nobuyoshi Kikuma (Nagoya Institute of Technology), Kunio Sakakigara (Nagoya Institute of Technology), Yoshiaki Sugimoto (Nagoya Institute of Technology)
P2-4	Evaluation of signal separation / demodulation performance of signals with different modulation systems in storage batch signal processing	Takuyuki Hirakawa (Okayama University), Toru Nishiyama (Okayama University), Sho Nakaie (Okayama University), Shigeru Tomisato (Okayama University), Satoshi Denno (Okayama University), Kazuhiro Uehara (Okayama University)
P2-5	Overcoming Chromatic Dispersion Effects in Radio over Fiber System Using Optical Vestigial Sideband plus Carrier Signal	Yusuke Suzuki (Tokyo University of Science), Amila Kariyawasam (Tokyo University of Science), Joji Maeda (Tokyo University of Science)
P2-6	Adaptive In-band Distortion Compensation for Spatially Precoded Massive MU-MIMO Systems with Deep Peak Cancellation	Hiroki Hase (Kyushu University), Osamu Muta (Kyushu University)
P2-7	Acoustic event detection of ultrasonic signals for Inaudible sound communications using CNN	Kosei Ozeki (Hokkaido University), Naofumi Aoki (Hokkaido University), Yoshinori Dobashi (Hokkaido University)
P2-9	Estimation Accuracy to Channel Occupancy Ratio and Signal Power under Co-Channel Interference in LoRa	Gaku Kobayashi (Shinshu University), Osamu Takyu (Shinshu University), Koichi Adachi (University of Electro-Communications), Mai Ohta (Fukuoka University), Takeo Fujii (University of Electro-Communications)
P2-10	Improving the performance of HTTP/3 communications when communicating simultaneously which uses CUBIC TCP and TCP BBR	Shintarou Kawai (Kogakuin University), Saneyasu Yamaguchi (Kogakuin University)
P2-11	Recommendations for hospital construction to improve the wireless communication infrastructure environment	Eisuke Hanada (Saga University)
P2-12	Virtual Mobile Charger-based Wireless Power Transfer for Large-Scale Internet-of-Things Systems	Chenglong Shao (Kyushu University), Osamu Muta (Kyushu University)
P2-13	TCP Fairness Improvement by Congestion Control from User Space	Natsuki Katsumata (Kogakuin University), Saneyasu Yamaguchi (Kogakuin University)
P2-14	Routing using ant colony optimization to adapt to traffic variations in information-centric networks	Tsuyoshi Tanaka (Tokyo Metropolitan University), Takashi Nishitsuji (Tokyo Metropolitan University), Takuya Asaka (Tokyo Metropolitan University)
P2-15	Optimal Service Chain Construction with Delay Analysis Model in Data Center Networks	Tomonori Yokono (University of Fukui), Yuhei Hayashi (NTT Corporation), Shohei Kamamura (Seikei University), Takuji Tachibana (University of Fukui)
P2-16	A Study on Performance Bottleneck of Flow-Level Information-Centric Network Simulator	Shota Inoue (Kwansei Gakuin University), Keita Goto (Kwansei Gakuin University), Soma Yamamoto (Kwansei Gakuin University), Hiroyuki Ohsaki (Kwansei Gakuin University)
P2-17	Crest Factor Reduction of Spectrogram Art Signals by Using an Audio Clipping Technique	Naofumi Aoki (Hokkaido University), Kenichi Ikeda (Smart Solution Technology, Inc.), Hiroshi Yasuda (Smart Solution Technology, Inc.)
P2-18	User Identification on Smartphones from Accelerations based on LSTM and Deep Convolutional LSTM	Yoshihaya Takahashi (Kogakuin University), Masato Oguchi (Ocanomizu University), Takeshi Kamiyama (Nagasaki University), Saneyasu Yamaguchi (Kogakuin University)
P2-19	Blockchain Based Logistics Ownership Management System	Akiyoshi Kakuda (Waseda University), Kyoko Yamori (Asahi University), Cheng Zhang (Ibaraki University), Yoshiaki Tanaka (Waseda University)
P2-20	A Study on Pre-Filter Design for Improving Accuracy in Heart rate Estimation from Horizontal Multi-direction Using Discrete Wavelet Transform with mm-Wave Radar	Ryosuke Koyanaka (Nihon University), Shunsuke Sato (Nihon University), Yaokun Hu (Nihon University), Takeshi Toda (Nihon University)
P2-21	Group Configuration for Evacuation Route Guidance in MANET-based Building Evacuation System	Tatsuki Yamazaki (Hiroshima City University), Tomoyuki Ohta (Hiroshima City University)
P2-22	A Performance Study on Disk Access Considering Reading Size	Atsuki Kamo (Kogakuin University), Saneyasu Yamaguchi (Kogakuin University)