

ICAIC 2023 Program Details (Version: 01 - Update: Jan. 26, 2023)

Session	Date	Start	End	Session Name	EDAS ID	Paper Title	Authors with affiliation and country	Etc.
Oral Session - 1A	Feb. 20 (Monday)	13:00	15:00	Medical Diagnosis and eHealth I	1570864121	Aspect-Based Sentiment Analysis with Semi-Supervised Approach on Taiwan Social Distancing App User Reviews	Ulin Nuha and Chih-Hsueh Lin (National Kaohsiung University of Science and Technology, Taiwan)	
					1570863353	Smart platform for Blood Management in Healthcare using AI/ML Approach	Walid Ben elmir and Hemmak Allaoua (Mohamed Boudiaf University of M'sila, Algeria); Benaoumeur Senouci (North Dakota State University, USA)	
					1570872235	Filter Validation for Detecting Outliers of Photoplethysmograph Data	Taufiq Choirul Amri, Riyanarto Sarno, Rifqi Abdillah, Faris Atoil Haq, Abdullah Faqih Septiyanto and Dwi Sunaryono (Institut Teknologi Sepuluh Nopember, Indonesia)	
					1570871475	Twitter User Sentiments Analysis: Health System Cyberattacks Case Study	Muhammad Abusaqer (Minot State University, USA); Ben Senouci (North Dakota State University (NDSU), USA); Kenneth Magel (North Dakota State University, USA)	
					1570870163	Question Answering Chatbots for Biomedical Research using Transformers	Dimitrios Koutsomitropoulos (University of Patras, Greece)	
					1570871452	A Study on the Fatigue Evaluation Platform using Bio-signal based on Artificial Neural Network	Jeongsu Kim and Dong Myung Lee (Tongmyong University, Republic of Korea)	
Oral Session - 1B	Feb. 20 (Monday)	13:00	15:00	Applications for Information Systems I	1570872898	Understanding Consumer Advertising via Audio Analytics of Sports Videos	Stuart Barnes and Weisha Wang (Newcastle University, United Kingdom (Great Britain))	
					1570865756	CWSI-based Smart Irrigation System Design	Kyeong Il Ko and Meong Hun Lee (SunChon National University, Republic of Korea); Hyun Yoe (Sunchon national University, Republic of Korea)	
					1570862330	A Blockchain-based Decision Support System for E-commerce Order Prediction	George T. S. Ho, Hoi Yan Lam and Valerie Tang (Hang Seng University of Hong Kong, Hong Kong); Yuk Ming Tang (The Hong Kong Polytechnic University, Hong Kong)	
					1570872218	Development of Timun Mas Game Platformer for Increasing Generation Z Interest to Indonesian Folklore	Meiliana Meiliana (Bina Nusantara University, Indonesia)	
					1570876416	Forecasting Solar Energy Production using a Hybrid GCN-BiLSTM Model	Radityo Fajar Pamungkas, Ida Bagus Krishna Yoga Utama, Muhammad Miftah Faridh and Md. Morshed Alam (Kookmin University, Republic of Korea); ByungDeok Chung (ENS. Co. Ltd., Republic of Korea); Yeong Min Jang (Kookmin University, Republic of Korea)	
					1570872599	Vehicle Lateral Motion Modeling Using Data-Driven Method	Chaehun Park, Cheolmin Jeong and Chang Mook Kang (Incheon National University, Republic of Korea); Wonhee Kim (Chung-Ang University, Republic of Korea); Young Seop Son (Kyungpook National University, Republic of Korea)	

Oral Session - 1C	Feb. 20 (Monday)	13:00	15:00	Image Processing and Multimedia I	1570866370	A Flexible Fall Detection Framework Based on Object Detection and Motion Analysis	Dara Ros and Rui Dai (University of Cincinnati, USA)	
					1570865754	Automatic Pest Image Acquisition System Hardware Design	Hyeono Choe (Suncheon National University, Republic of Korea); Meong Hun Lee (SunChon National University, Republic of Korea); Hyun Yoe (Suncheon national University, Republic of Korea)	
					1570869429	Dimensionality reduction as a non-cooperative game	Hirotda Honda, Phuong Dinh, Pham Thu Thao, Yuho Tabata and Bui Duc Anh (Toyo University, Japan)	
					1570871157	Predicting Human Activity with LSTM Face Detection on Server Surveillance System	Alexander Nurenin (Binus University, USA)	
					1570867566	Differential Image-based Fast and Compatible Convolutional Layers for Multicore Processors	Sunghoon Hong (Kyungpook National University, Republic of Korea); Daejin Park (Kyungpook National University (KNU), Republic of Korea)	
					1570871530	Masked Face Images Based Gender Classification using Hybrid Bat Algorithm Optimized Bagging	Sabrina Adinda Sari and Wikky Fawwaz Al Maki (Telkom University, Indonesia)	
Oral Session - 1D	Feb. 20 (Monday)	13:00	15:00	AI Foundation I	1570870371	Combination of Reinforcement and Deep Learning for EEG Channel Optimization on Brain-machine Interface Systems	Goragod Pongthansorn, Aya Shirai, Satoki Sugiyama and Genci Capi (Hosei University, Japan)	
					1570875698	Tree-Based Ensemble Models and Algorithms for Classification	John Tsiligaridis (Heritage University, USA)	
					1570871639	TFE-Net: Time and Feature focus Embedding Network for Multivariate-to-Multivariate Time Series Forecasting	Seungchan Roh, YongGon Jung and Jun-Geol Baek (Korea University, Republic of Korea)	
					1570868609	A Performance Efficient Approach of Global Training in Federated Learning	Dost Muhammad Saqib Bhatti (Hanyang University, South Korea, Republic of Korea); Haewoon Nam (Hanyang University, Republic of Korea)	
					1570870884	Generalized Spatio-Temporal Adaptive Normalization Framework	Anish Narang (Sigmoidstar, India); Neeraj Kumar (IIT Delhi, India)	
					1570864618	Temporal-Attention Gate Network with Temporal-Decomposition for Improving Prediction Accuracy of Univariate Series Data	Sunghyun Sim (Dong-Eui University, Republic of Korea); Dohee Kim (Pusan National University, Republic of Korea); Seok Chan Jeong (Dong-Eui University, Republic of Korea)	
					1570873168	Channel Access Control Instead of Random Backoff Algorithm	Takashi Imanaka, Mai Ohta and Makoto Taromaru (Fukuoka University, Japan)	

Oral Session - 2A	Feb. 20 (Monday)	15:30	17:30	Wireless Communication I	1570873781	5D Spectrum Database	Hirofumi Nakajo, Yusuke Itayama, Shougo Matsuo and Takeo Fujii (The University of Electro-Communications, Japan)	
					1570872187	A Review on Unmanned Aerial Vehicle-based Networks and Satellite-based Networks with RSMA: Research Challenges and Future Trends	Cuong Ho, Demeke Shumeye, Anh-Tien Tran, Thien Duc Hua, Sungrae Cho and Chunghyun Lee (Chung-Ang University, Republic of Korea)	
					1570871051	Evaluation of Deterministic Routing on 100-cores Mesh Wireless NoC	Asrani Lit (Universiti Malaysia Sarawak (UNIMAS), Malaysia)	
					1570872269	Integration of Reconfigurable Intelligent Surface and Visible Light Communication Systems for 5G and Beyond Communications	Syed Rakib Hasan (Khulna University of Engineering & Technology, Bangladesh); Mostafa Zaman Chowdhury (Khulna University of Engineering & Technology, Bangladesh); Md. Saiam (Khulna University of Engineering & Technology, Bangladesh); Yeong Min Jang (Kookmin University, Republic of Korea)	
					1570866592	Interference-Robust OFDM Communication System using Weight Functions	Kirill Y. Vanin and Heung-Gyoon Ryu (Chungbuk National University, Republic of Korea); Ansar R. Safin (Moscow Power Engineering Institute, Russia); Oleg Kravchenko (Bauman Moscow State Technical University, FRC CSC RAS, Russia)	
Oral Session - 2B	Feb. 20 (Monday)	15:30	17:30	Applications for Information Systems II	1570871275	The optimum number of users using sequential Power Allocation on PD-NOMA	Hurianti Vidyaningtyas (Telkom University, Indonesia); Adit Kurniawan (ITB, Indonesia); Iskandar Iskandar (Institute of Technology Bandung, Indonesia); Aloysius Adya Pramudita and Desti Madya Saputri (Telkom University, Indonesia)	
					1570871352	Parallel Corpus Curation for Filipino Text-to-SQL Semantic Parsing	Elmer C Peramo (Advanced Science and Technology Institute & Department of Science and Technology, Philippines); Christaline Joie Borjal (DOST-ASTI, Philippines); Aunhel John M Adoptante (Department of Science and Technology - Advanced Science and Technology Institute, Philippines); Ma. Teresita Abena Abia (DOST-Advanced Science and Technology Institute, Philippines); Jasper Kyle Catapano (University Heesun Jung (Hallym University, Republic of Korea); Bokyung Kwon and Youngbin Kim (Kwangwoon University, Republic of Korea); Yejin Lee (Hallym University, Republic of Korea); Jihyeon Park (Jeju National University, Republic of Korea); Griffin Pegg, Yaqin Wang and Anthony Smith (Purdue University, USA)	
					1570879324	A Deep Learning-Based Coyote Detection System Using Audio Data		
					1570872342	GNN Link Prediction for Time-Triggered Systems	Carlos Lua, Yeping Zhang, Omar Hekal, Daniel Onwuchekwa and Roman Obermaisser (University of Siegen, Germany)	
					1570861343	Multi-Spectral Fusion using Generative Adversarial Networks for UAV Detection of Wild Fires	Tanmay Kacker (Cranfield University, United Kingdom (Great Britain)); Weisi Guo (Cranfield University & Alan Turing Institute, University of Warwick, United Kingdom (Great Britain)); Adolfo Perrusquia (Cranfield University, United Kingdom (Great Britain))	
					1570874204	A Method of PV Power Generation Forecasting using Constrained Transformer Network	Duc Hoang Tran, Van Linh Nguyen, Ida Bagus Krishna Yoga Utama and Huy Nguyen (Kookmin University, Republic of Korea); ByungDeok Chung (ENS. Co. Ltd., Republic of Korea); Yeong Min Jang (Kookmin University, Republic of Korea)	
					1570870914	Early Product Cost Estimation by Intelligent Machine Learning Algorithms	Richard Lackes and Julian Sengewald (TU Dortmund, Germany)	
					1570866620	Exploiting TAS schemes to Enhance the PHY-security in Cooperative NOMA Networks: A Deep Learning Approach	Yushintia Pramitarini and Ridho Hendra Yoga Perdana (Hongik University, Republic of Korea); Kyusung Shim (Hankyong National University, Republic of Korea); Beongku An (Hongik University, Republic of Korea)	

Oral Session - 2C	Feb. 20 (Monday)	15:30	17:30	Information and Communications Technology I	1570871310	A Natural Language Understanding Approach Toward Extraction of Specifications from Request for Proposals	Barun Kumar Saha (Hitachi Energy, India); Luca Haab (University of Applied Sciences of Western Switzerland, Switzerland); Deepaknath Tandur (Hitachi ABB Powergrids, India)	
					1570876413	Predicting Indoor PM2.5 Concentration using LSTM-BNN in Edge Device	Ida Bagus Krishna Yoga Utama, Duc Hoang Tran and Radityo Fajar Pamungkas (Kookmin University, Republic of Korea); ByungDeok Chung (ENS. Co. Ltd., Republic of Korea); Yeong Min Jang (Kookmin University, Republic of Korea)	
					1570872514	Text Preprocessing Approaches in CNN for Disaster Reports Dataset	Andriansyah Oktafiandi Arisha, Hazriani Hazriani and Yuyun Wabula (Handayani University, Indonesia)	
					1570871612	Noise-cuts-Noise Approach for Mitigating the JPEG Distortions in Deep Learning	Ijaz Ahmad and Seokjoo Shin (Chosun University, Republic of Korea)	
Oral Session - 2D	Feb. 20 (Monday)	15:30	17:30	AI Foundation II	1570871621	Effect of optimization techniques on feedback alignment learning of neural networks	Soha Lee and Hyeyoung Park (Kyungpook National University, Republic of Korea)	
					1570871878	Interaction-based Fault Detection and Classification Using Randomly Masked 1D Convolutional Neural Network	Jueun Kim, Seunghwan Song, Woo Young Hwang and Jun-Geol Baek (Korea University, Republic of Korea)	
					1570870446	3D Human Pose Estimation Using BlazePose and Direct Linear Transform (DLT) for Joint Angle Measurement	Imam M Hakim (Institut Teknologi Bandung, Indonesia); Hasballah Zakaria (ITB, Indonesia); Khoirul Muslim (Institut Teknologi Bandung, Indonesia); Sri Indah Ihsani (Institut Teknologi Bandung, Indonesia)	
					1570872354	RNN-based Interference Suppression Method for CS radar: Simulation and Experimental Evaluations	Ryoto Koizumi and Xiaoyan Wang (Ibaraki University, Japan); Masahiro Umehira (Nanzan University & Ibaraki University, Japan); Shigeki Takeda and Ran Sun (Ibaraki University, Japan)	
					1570871081	Training SNNs Low Latency Utilizing Batch Normalization Through Time and Iterative Initialization Retraining	Diem Thi Tran (University of Science, Ho Chi Minh City, VietNam, Vietnam)	
					1570869967	Dual Policy-Based TD-Learning for Model Predictive Control	Chang-Hun Ji, Ho-Bin Choi, Joo-Seong Heo, Ju-Bong Kim, Hyun-Kyo Lim and Youn-Hee Han (Korea University of Technology and Education, Republic of Korea)	
Oral Session - 3A	Feb. 21 (Tuesday)	9:10	10:30	Applications for Information Systems III	1570858357	A Digital Twins Model for Analyzing and Simulating Cold Chain Risks	Hoi Yan Lam, Valerie Tang and George T. S. Ho (Hang Seng University of Hong Kong, Hong Kong)	
					1570869411	Time-triggered Network Interface Extension for the Versal Network-on-Chip	Daniel Onwuchekwa, Josepaul Paulachan, Nambinina Rakotojaona and Roman Obermaisser (University of Siegen, Germany)	
					1570866550	Pallet Detection and Distance Estimation with YOLO and Fiducial Marker Algorithm in Industrial Forklift Robot	Eric Sean Kesuma (Institut Teknologi Bandung, Indonesia); Pranoto Rusmin (Bandung Institute of Technology, Indonesia); Devira Anggi Maharani (Institut Teknologi Bandung, Indonesia)	

					1570872509	Crossover Methods Comparison in Flood Evacuation Route Optimization	M. Adnan Nur and Hazriani Hazriani (Handayani University, Indonesia); Nur Khaerat Nur (Fajar University, Indonesia)	
Oral Session - 3B	Feb. 21 (Tuesday)	9:10	10:30	Security I	1570864277	Exploiting Secure Multihop Transmission in Underlying Cognitive Radio Networks: Analysis and Deep Learning Approaches	Kyusung Shim (Hankyong National University, Republic of Korea); Beongku An (Hongik University, Republic of Korea)	
					1570871644	Digital Twin and Ontology based DDoS Attack Detection in a Smart-Factory 4.0	Venkata Vivek Gowripeddi (IIIT Bangalore, India); Sasirekha Gvk (Electronics City & IIIT Bangalore, India); Jyotsna Bapat (International Institute of Information Technology, India); Debabrata Das (International Institute of Information Technology - Bangalore, India)	
					1570870973	Research Opportunity of Insider Threat Detection based on Machine Learning Methods	Noer Tjahja Moekthi Prajitno (Diponegoro University, Indonesia); Hadiyanto Hadiyanto (Universitas Diponegoro, Indonesia); Adian Fatchur Rochim (Diponegoro University, Indonesia)	
					1570863705	Optimal Tree Bayesian for the Characterization of Ciphred Network Communication Traffic	Love Allen Ahakonye and Cosmas Ifeanyi Nwakanma (Kumoh National Institute of Technology, Republic of Korea); Augustin Gohil (Cognitgo Co., USA); Jae Min Lee and Dong Seong Kim (Kumoh National Institute of Technology, Republic of Korea)	
Oral Session - 3C	Feb. 21 (Tuesday)	9:10	10:30	Medical Diagnosis and eHealth II	1570872378	Clustering of Photoplethysmography Data Signals for Developing Noise Filters	Rifqi Abdillah, Riyanarto Sarno, Taufiq Choirul Amri, Faris Atoil Haq, Kelly Rossa Sungkono and Dwi Sunaryono (Institut Teknologi Sepuluh Nopember, Indonesia)	
					1570870976	Cross-Corpus Disparity of Parkinson's Voice Datasets Observed on Control Group Distribution	Nemuel Daniel Pah (Universitas Surabaya, Indonesia); Veronica Indrawati (University of Surabaya, Indonesia); Dinesh Kumar (RMIT University, Australia)	
					1570872539	Feature Selection of Photoplethysmograph Data in Machine Learning	Faris Atoil Haq, Riyanarto Sarno, Taufiq Choirul Amri, Rifqi Abdillah, Abdullah Faqih Septiyanto and Kelly Rossa Sungkono (Institut Teknologi Sepuluh Nopember, Indonesia)	
					1570865788	Cracked Tongue Recognition Based on CNN with Transfer Learning	Hyunchul Tae (KITECH, Republic of Korea)	
Oral Session - 4A	Feb. 21 (Tuesday)	14:00	15:20	Applications for Information Systems IV	1570871577	Bad Sitting Posture Detection and Alerting System using EMG Sensors and Machine Learning	Roufaida Laidi (CERIST Research Center & Ecole Nationale Supérieure d'Informatique, Algeria); Lyes Khelladi (CERIST, Algeria); Meriem Kessaissia and Lyna Ouandjli (USTHB University, Algeria)	
					1570871636	Design and Implementation of Decentralized TDMA for Low Power IoT Devices Based on Desynchronization of Nonlinear Oscillators	Takuma Osada (Tokyo University of Science, Japan); Hiroyuki Yasuda (The University of Tokyo, Japan); Aohan Li (The University of Electro-Communications, Japan); Song-Ju Kim (SOBIN Institute LLC, Japan); Mikio Hasegawa (Tokyo University of Science, Japan)	
					1570872229	Automatic 3D Digital Dental Landmark Based on Point Transformation Weight	Sulaiman Triarjo, Riyanarto Sarno, Shintami Chusnul Hidayati and Gerry Sihaj (Institut Teknologi Sepuluh Nopember, Indonesia)	
					1570876528	PUFDid: PUF-based Drone Identifier and Its Application	Jin Wook Byun (Pyeongtaek University, Republic of Korea)	

Oral Session - 4B	Feb. 21 (Tuesday)	14:00	15:20	Security II	1570871220	Deep Learning based Channel Estimation for Full-Duplex Backscatter Communication Systems	Chae Yoon Jung (Sungkyunkwan University, Republic of Korea); Jae-Mo Kang (Kyungbook National University, Republic of Korea); Dong In Kim (Sungkyunkwan University (SKKU), Republic of Korea)	
					1570866535	A Mini Literature Review on Integrating Cybersecurity for Business Continuity	Safa Jassim Altaha (King Faisal University & Digital Government Authority, Saudi Arabia); M M Hafizur Rahman (King Faisal University, Saudi Arabia)	
					1570863759	AI-Based Intrusion Detection System for Secure AI BOX Applications	Jiann-Liang Chen (National Taiwan University of Science and Technology, Taiwan); Zheng-Zhun Chen, Youg-Sheng Chang, Ching-Iang Li and Tien-I Kao (Industrial Technology Research Institute, Taiwan); Yu-Ting Lin, Yu-Yi Xiao and Jian-Fu Qiu (National Taiwan University of Science and Technology, Taiwan)	
					1570870277	The Use of Background Features and Template Synthesis in Document Forgery Detection Using Deep Neural Networks	Mahmoud Mohamed Hamido (October University of Modern Arts and Sciences & University of Greenwich, Egypt); Abdallah Mohialdin (October University of Modern Arts and Sciences, Egypt); Ayman Atia (October University for Modern Sciences and Arts (MSA), Egypt)	
Oral Session - 4C	Feb. 21 (Tuesday)	14:00	15:20	Decision and Control I	1570871465	A Reinforcement Learning Assisted Relative Distance based MAC in Vehicular Networks	Yafeng Deng and Young-June Choi (Ajou University, Republic of Korea)	
					1570869591	Deep Reinforcement Learning-based Building Energy Management using Electric Vehicles for Demand Response	Daeyoung Kang (Institute for Advanced Engineering, Republic of Korea); Seunghyun Yoon (Korea Institute of Energy Technology, Republic of Korea); Hyuk Lim (Korea Institute of Energy Technology (KENTECH), Republic of Korea)	
					1570868639	Recent Studies on Deep Reinforcement Learning in RIS-UAV Communication Networks	Tri-Hai Nguyen, Heejae Park and Laihyuk Park (Seoul National University of Science and Technology, Republic of Korea)	
					1570872087	A Systematic Literature Review of Virtual Reality Implementation in Sports	Meiliana Meiliana (Bina Nusantara University, Indonesia)	
Oral Session - 4D	Feb. 21 (Tuesday)	14:00	15:20	AI Foundation III	1570872247	Deep Single Shot Musical Instrument Identification using Scalograms	Debdutta Chatterjee (NIT Durgapur, India); Arindam Dutta (IISc Bangalore, India); Dibakar Sil (Steradian Semiconductor, India); Aniruddha Chandra (National Institute of Technology, Durgapur, WB, India)	
					1570871356	On Modern Text-to-SQL Semantic Parsing Methodologies for Natural Language Interface to Databases: A Comparative Study	Elmer C Peramo (Advanced Science and Technology Institute & Department of Science and Technology, Philippines); Aunhel John M Adoptante (Department of Science and Technology - Advanced Science and Technology Institute, Philippines); Christalline Joie Borjal (DOST-ASTI, Philippines); Ma. Teresita Abena Abia (DOST-Advanced Science and Technology Institute, Philippines); Jasper Kyle Catapano (University	
					1570864619	FIDGAN: A Generative Adversarial Network with An Inception Distance	Jina Lee and Minhyeok Lee (Chung-Ang University, Republic of Korea)	
					1570871181	Identification of Misogyny on Social Media in Indonesian Using Bidirectional Encoder Representations From Transformers (BERT)	Bagas Tri Wibowo, Dade Nurjanah and Hani Nurrahmi (Telkom University, Indonesia)	
					1570871227	ConvELM: Exploiting Extreme Learning Machine on Convolutional Neural Network for Age Estimation	Ismar Apuandi, Ema Rachmawati and Gamma Kosala (Universitas Telkom, Indonesia)	

Oral Session - 5A	Feb. 22 (Wednesday)	9:10	10:30	Image Processing and Multimedia II	1570854671	Captioning Remote Sensing Images Using Transformer Architecture	Wrucha Ameet Nanal (Purdue University Fort Wayne, USA); Mohammadreza Hajiarbabi (Purdue University Fort Wayne, USA)	
					1570867069	Faster Few-Shot Face Image Generation with Features of Specific Group Using Pivotal Tuning Inversion and PCA	Yuichi Kato, Masahiko Mikawa and Makoto Fujisawa (University of Tsukuba, Japan)	
					1570873251	An Integrated Approach to Near-duplicate Image Detection	Heesung Yang and Hyeyoung Park (Kyungpook National University, Republic of Korea)	
Oral Session - 5B	Feb. 22 (Wednesday)	9:10	10:30	Medical Diagnosis and eHealth III	1570871739	Learning the Protein Language Model of SARS-CoV-2 Spike Proteins	Geoffrey A. Solano (University of the Philippines Manila, Philippines); Marc Jermaine Pontiveros (University of the Philippines Manila & University of the Philippines Diliman, Philippines); Paul Vincent Llanes (University of the Philippines Manila, Philippines)	
					1570872217	Machine Learning Implementation in Lung Cancer Prediction - A Systematic Literature Review	Meiliana Meiliana (Bina Nusantara University, Indonesia)	
					1570877671	XGBoost Calibration Considering Feature Importance for Noninvasive HbA1c Estimation Using PPG Signals	Mrinmoy Sarker Turja and Tae-Ho Kwon (Kookmin University, Republic of Korea); Hyoungkeun Kim (Korea ITS, Republic of Korea); Ki-Doo Kim (Kookmin University, Republic of Korea)	
					1570868280	A Combination of Multi-Branch CNN and Feature Rearrangement for Down Syndrome Prediction	Hai Nhu Phung (Institute of Information Technology, AMST, Hanoi, Vietnam); Thanh Nguyen Chi and Trung-Kien Tran (Institute of Information Technology, AMST, Vietnam); Cuong Danh Tran (National Hospital of Obstetrics and Gynecology, Vietnam); Hang Thi Thu Truong (Institute of Information Technology, AMST, Vietnam); Trang Thi Nguven and Huv Duc Do (Hanoi Medical University, Vietnam)	
Oral Session - 5C	Feb. 22 (Wednesday)	9:10	10:30	Information and Communications Technology II	1570868417	Unique Functions for the Stability-Guarantee of Variable Digital Filters	Tian-Bo Deng (Toho University, Japan)	
					1570869359	2D Fluid Flows Prediction Based on U-Net Architecture	Aji Teguh Prihatno, Hyoeun Kang, Chang Woo Choi and Thi-Thu-Huong Le (Pusan National University, Republic of Korea); Shinwook Heo and Myeongkil Kim (SmartM2M, Republic of Korea); Ho Won Kim (Pusan National University, Republic of Korea)	
					1570874591	An end-to-end motion planner using sensor fusion for autonomous driving	Nguyen Thi Hoai Thu and Dong Seog Han (Kyungpook National University, Republic of Korea)	
					1570872489	Radar Fault Detection via Camera-Radar Branches Learning Network	Dian Ning and Dong Seog Han (Kyungpook National University, Republic of Korea)	
Oral Session - 5D	Feb. 22 (Wednesday)	9:10	10:30	AI Foundation IV	1570871583	Energy and Entropy based Intelligence Metric for Performance Estimation in DNNs	Burcu Kartal and Berk Ustundag (Istanbul Technical University, Turkey)	
					1570871481	Semantic Similarity-based Visual Reasoning without Language Information	KyungTae Lim and EunKyung Kim (Hanbat National University, Republic of Korea)	

Session - 5D	(Wednesday)	9:10	10:30	AI Foundation IV	1570857652	Multi Task Learning: A Survey and Future Directions	Taeho Lee and Junhee Seok (Korea University, Republic of Korea)	
					1570871619	Exploring Normalization Techniques in Neural Networks for Bitcoin Candlestick Price Prediction	Sutiwat Simtharakao and Daricha Sutivong (Chulalongkorn University, Thailand)	
Oral Session - 6A	Feb. 22 (Wednesday)	14:00	15:20	Wireless Communication II	1570863941	Graph Neural Networks to Enable Scalable MAC for Massive MIMO Wireless Infrastructure	Oner Orhan (Intel Corporation, USA); Vasuki Narasimha Swamy (Intel Labs, USA); Mehnaz Rahman and Hosein Nikopour (Intel Corporation, USA); Shilpa Talwar (Intel, USA)	
					1570873783	Performance Evaluation of Training ResNet Receiver Under Mobility for 5G NR Wireless Communication Systems	Ade Irawan (Universitas Pertamina, Indonesia)	
					1570861292	Federated Learning of Wireless Network Experience Anomalies using Consumer Sentiment	Weisi Guo (Cranfield University & Alan Turing Institute, University of Warwick, United Kingdom (Great Britain)); Bailu Jin and Schyler Sun (Cranfield University, United Kingdom (Great Britain)); Yue Wu (East China University of Science and Technology, China); Weijie Qi (Ranplan Ltd., United Kingdom (Great Britain)); Jie Zhang (University of Sheffield, Dept. of Electronic and Electrical Engineering, United Kingdom)	
					1570871470	Early Exiting DNN MIMO Detector Design with Fast Signal Estimation Process	Thien Duc Hua, Donghyun Lee, Anh-Tien Tran, Demeke Shumeye, Quang Tuan Do, Taeyun Ha and Sungrae Cho (Chung-Ang University, Republic of Korea)	
Oral Session - 6B	Feb. 22 (Wednesday)	14:00	15:20	Medical Diagnosis and eHealth IV	1570870885	Kidney Diseases Detection Based on Convolutional Neural Network	Rui Qin and Sinuo Liu (University of Electronic Science and Technology of China, China); Toe Teoh Teik (Nanyang Technological University, Singapore); Brian D Brister (& RoboGunCo, USA)	
					1570864109	Mobile Application for Obesity Early Diagnose Based on CNN Classification Model and Thermal Imaging	Hendrik Leo, Khairun Saddami and Roslidar Roslidar (Universitas Syiah Kuala, Indonesia); Rusdha Muharrar (Syiah Kuala University, Indonesia); Khairul Munadi (Syiah Kuala University, Faculty of Engineering, Indonesia); Fitri Arnia (Universitas Syiah Kuala, Indonesia)	
					1570864685	Interpretable Anomaly Detection for Lung Sounds Using Topology	Ryosuke Wakamoto (Yamaguchi University & Information Services International-Dentsu, Ltd., Japan); Shingo Mabu (Yamaguchi University, Japan)	
					1570871652	Suspicious Activity Trigger System using YOLOv6 Convolutional Neural Network	Suryanti Awang (Universiti Malaysia Pahang, Malaysia)	
Oral Session - 6C	Feb. 22 (Wednesday)	14:00	15:20	Information and Communications Technology III	1570871431	Data Pipeline Design for Dangerous Driving Behavior Detection System	Hyeonjun Jo, Sungwoong Yeom, Chen Haoyu and Kyungbaek Kim (Chonnam National University, Republic of Korea)	
					1570871518	Instruction-based March Test Pattern Generation Scheme for At-Speed Test Cost Reduction	Young-woo Lee, Seokmin Park, Gayeong Lee, Jaehwan Shin and Seunghan Lee (Chonnam National University, Republic of Korea)	
					1570869955	Performance analysis of machine learning algorithms with clustering protocol in wireless sensor networks	Rahma Gantassi (Communication System Laboratory Sys'Com National Engineering School, Tunisia); Zaki Masood and Sol Lim (Chonnam National University, Republic of Korea); Quota Alief Sias (Universitas Negeri Malang, Republic of Korea); Yonghoon Choi (Chonnam National University, Republic of Korea)	

					1570871150	Urban Traffic State Estimation from Moving Camera for Real-time Application	Haechan Cho (Korea Advanced Institutes of Science and Technology, Republic of Korea); Yeohwan Yoon (Korea Institute of Civil Engineering and Building Technology, Republic of Korea); Jihu Kim (Korea Advanced Institutes of Science and Technology, Republic of Korea); Hwasoo Yeo (KAIST, Republic of Korea)	
Oral Session - 6D	Feb. 22 (Wednesday)	14:00	15:20	Security III	1570867203	Cyber Security in Fog Computing Using Blockchain: A Mini Literature Review	Noura Saud Alyemni (KFU, Saudi Arabia); Norah Arif ALHumam and M M Hafizur Rahman (King Faisal University, Saudi Arabia)	
					1570866159	A Mini Literature Review on Challenges and Opportunity in Threat Intelligence	Mohammed Althamir, Jawhara Boodai and M M Hafizur Rahman (King Faisal University, Saudi Arabia)	
					1570874194	An End-to-End Convolutional Recurrent Neural Network With Multi-Source Data Fusion for Sleep Stage Classification	Tabassum Islam Toma and Sunwoong Choi (Kookmin University, Republic of Korea)	
					1570866308	Biometric in Cyber Security: A Mini Review	Elhaam Abdulrahman Debas, Razan Sulaiman Alajlan and M M Hafizur Rahman (King Faisal University, Saudi Arabia)	
Oral Session - 7A	Feb. 23 (Thursday)	9:30	11:30	Wireless Communication III	1570871536	Spectrum Sensing Mechanism For Cognitive Radio using Deep Learning	Prashant K. Shah, Deepali Sultane and Pratiman Singh (Sardar Vallabhbhai National Institute of Technology, India)	
					1570871284	Robustness of Deep Learning enabled IoT Applications Utilizing Higher Order QAM in OFDM Image Communication System	Nazmul Islam, Ijaz Ahmad and Seokjoo Shin (Chosun University, Republic of Korea)	
					1570872355	Multi-network based MAC Protocol Identification with Decision Fusion	Anibal Roque Seraponzo (Xiamen - Huaqiao University, China); Qinggeng Guo and Shengliang Peng (Huaqiao University, China)	
					1570879629	Performance Analysis of Beam-Tracking Technique for IRS-assisted Cellular Systems	Yeong Jun Kim (LG Electronics, Republic of Korea); Yong Soo Cho (Chung-Ang University, Republic of Korea)	
					1570866616	Deep Learning-based Spectral Efficiency Maximization in Massive MIMO-NOMA Systems with STAR-RIS	Ridho Hendra Yoga Perdana (Hongik University, Republic of Korea); Toan-Van Nguyen (International University-VNU-HCM, Vietnam); Yushintia Pramitarini (Hongik University, Republic of Korea); Kyusung Shim (Hankyong National University, Republic of Korea); Beongku An (Hongik University, Republic of Korea)	
					1570870987	Unscented Kalman Filter-based Beam Tracking in NR MIMO System using Hybrid Beamforming	Yuna Sim, Seungseok Sin and Jihun Cho (Chonnam National University, Republic of Korea); Kyunam Kim (Alps Electric Korea Company Limited, Republic of Korea); Sangmi Moon (Korea Nazarene University, Republic of Korea); Intae Hwang (Chonnam National University, Republic of Korea)	
					1570873312	Simultaneously Transmitting and Reflecting-Reconfigurable Intelligent Surfaces with Hardware Impairment and Phase Error	Waqas Khalid (Korea University & Sejong, South Korea, Republic of Korea); Muhammad Atif Ur Rehman (Manchester Metropolitan University, United Kingdom (Great Britain)); Trinh Van Chien (Hanoi University of Science and Technology, Vietnam); Heejung Yu (Korea University, Republic of Korea)	
					1570873347	Implementation of WiFi Communication on Multi UAV for Leader-Follower Trajectory based on ROS	Pipit Anggraeni, Hilda Khoirunnisa, Muhammad Fauzian Alfadhila and Muhammad Nursyam Rizal (Bandung Polytechnic for Manufacturing, Indonesia)	

Oral Session - 7B	Feb. 23 (Thursday)	9:30	11:30	Information and Communications Technology IV	1570871521	Power Distribution Adjustment for Rate-Splitting Performance Improvement in MIMO Systems	Desti Madya Saputri (Institut Teknologi Bandung, Indonesia); Adit Kurniawan and Mohammad Sigit Arifianto (Bandung Institute of Technology, Indonesia); Aloysius Adya Pramudita (Telkom University, Indonesia); Hurianti Vidyaningtyas (Bandung Institute of Technology, Indonesia)	
					1570871744	Data Accuracy Pattern-based Transmission Period Control Algorithm for IoT networks	Jaeseob Han and Gyeong Ho Lee (KAIST, Republic of Korea); Hyunseo Park and Jun Kyun Choi (Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea)	
					1570870158	Development of AI Educational Datasets Library Using Synthetic Dataset Generation Method	Seulki Kim, Kwi-Hoon Kim and Taeyoung Kim (Korea National University of Education, Republic of Korea)	
					1570874588	Deep Learning-based Human Vehicle Interface for Smart Golf Cart	Min Woo Yoo, Chaehyun Lee and Dong Seog Han (Kyungpook National University, Republic of Korea)	
Oral Session - 7C	Feb. 23 (Thursday)	9:30	11:30	Decision and Control II	1570871555	Reinforcement Learning for Predicting Traffic Accidents	Injoon Cho (Korea Advanced Institute of Science and Technology, Korea(South)); Praveen Kumar Rajendran and Taeyoung Kim (Korea Advanced Institute of Science and Technology, Republic of Korea); Dongsoo Har (KAIST, Republic of Korea)	
					1570870323	Kick-motion Training with DQN in AI Soccer Environment	Bumgeun Park (Korea Advanced Institute of Science and Technology, Republic of Korea); Jihui Lee (KAIST, Republic of Korea); Taeyoung Kim (Korea Advanced Institute of Science and Technology, Republic of Korea); Dongsoo Har (KAIST, Republic of Korea)	
					1570871638	Inter-Protocol Fairness Evaluation of DQN-based Congestion Control Algorithms	Sang-Jin Seo and You-Ze Cho (Kyungpook National University, Republic of Korea)	
					1570868538	Double Deep Q-Learning based Backhaul Spectrum Allocation in Integrated Access and Backhaul Network	Jeonghun Park, Heetae Jin, Jaehan Joo, Geonho Choi and Suk Chan Kim (Pusan National University, Republic of Korea)	
					1570868663	3D Object Localization Using Time of Flight And Angle of Arrival	Ho youn Sohn and Donghee Yi (Pusan National University, Republic of Korea); Jeongbin Seo (PUSAN National University, Republic of Korea); Guohua Zhu, Jaejun Lim and Suk Chan Kim (Pusan National University, Republic of Korea)	
					1570871640	Multivariate Time Series Anomaly Detection via Temporal Encoder with Normalizing Flow	Jiwon Moon, Seunghwan Song and Jun-Geol Baek (Korea University, Republic of Korea)	
					1570871544	Bi-directional Visual Geo-localization-based Cross-Domain Matching between Digital Twin and Real World	Soo Rim Yang, Sejung Kim and Jaeho Kim (Sejong University, Republic of Korea)	
					1570871474	A Review on AI-Enabled Content Caching in Vehicular Edge Caching and Networks	Arooj Masood, Quang Tuan Do and Demeke Shumeye (Chung-Ang University, Republic of Korea); Nhu-Ngoc Dao (Sejong University, Republic of Korea); Sungrae Cho (Chung-Ang University, Republic of Korea)	

Oral Session - 7D	Feb. 23 (Thursday)	9:30	11:30	Applications for Information Systems V	1570868727	A Review on AI-Driven Aerial Access Networks: Challenges and Open Research Issues	Demeke Shumeye, Anh-Tien Tran and Arooj Masood (Chung-Ang University, Republic of Korea); Nhu-Ngoc Dao (Sejong University, Republic of Korea); Sungrae Cho (Chung-Ang University, Republic of Korea)	
					1570871738	Analyzing Voter Preferences and Topics of Discussion on Twitter on Philippine National Elections 2022	Geoffrey A. Solano (University of the Philippines Manila, Philippines); Nathaniel Oco (De La Salle University, Philippines); Reina Erika Demillo (University of the Philippines Manila, Philippines)	
					1570871204	Preliminary Work on Automatic ARXML Generation for SOME/IP in AUTOSAR Classic Platform	KyuJin Kyung, Hyeongrae Kim and Jeonghun Cho (Kyungpook National University, Republic of Korea)	
					1570871241	A Machine Learning Approach to Predict Customer Churn of a Delivery Platform	Sang-Joon Lee (Chonnam National University, Republic of Korea); Qing Liu and QiuYing Chen (Presenter, Republic of Korea)	
Poster Session - 1A	Feb. 21 (Tuesday)	15:40	17:40	Information and Communications Technology P-I	1570876877	Development of MIMO Scheme-based Optical Camera Communication System using Deep Learning method	Van Linh Nguyen, Duc Hoang Tran and Huy Nguyen (Kookmin University, Republic of Korea); ByungDeok Chung (ENS. Co. Ltd., Republic of Korea); Yeong Min Jang (Kookmin University, Republic of Korea)	
					1570874190	Design and Implementation of RS-OFDM scheme for Optical Camera Communication based on Deep Learning	Huy Nguyen, Duc Hoang Tran and Van Linh Nguyen (Kookmin University, Republic of Korea); ByungDeok Chung (ENS. Co. Ltd., Republic of Korea); Yeong Min Jang (Kookmin University, Republic of Korea)	
					1570877722	A Deep Learning-Based SAR Ship Detection	Chushi Yu (University of Soongsil, Republic of Korea); Yoan Shin (Soongsil University, Republic of Korea)	
					1570866877	cGAN Model-Based Radio Frequency Interference Mitigation for Radio Astronomy Data	Islam Helmy and Wooyeol Choi (Chosun University, Republic of Korea)	
					1570871302	A New Approach to Lidar and Camera Fusion for Autonomous Driving	Seongkeun Park (Soonchunhyang, Republic of Korea); Seunghwan Bae and Dongun Han (Soonchunhyang University, Republic of Korea)	
					1570870993	Visualization Algorithm for Cargo Stowage Optimization of Vehicle Carriers	Kim Ji Yeon, Young-Jin Kang, SangHyun Ha and Seok Chan Jeong (Dong-Eui University, Republic of Korea)	
					1570871625	Cost-effective peak shaving strategy based on clustering and XGBoost algorithm	Sol Lim (Chonnam National University, Republic of Korea); Rahma Gantassi (Communication System Laboratory Sys'Com National Engineering School, Tunisia); Yonghoon Choi (Chonnam National University, Republic of Korea)	

					1570869120	Low-Loss and High-Integrated SIW Filter Based on Braided Glide Symmetry for mm-Wave 5G Cellular Networks	M. Karamirad, N. Pouyanfar, Ch. Ghobadi, and J. Nourinia (Department of Electrical Engineering, Urmia University, Urmia, Iran), Mohammad Alibakhshikenari (Department of Signal Theory and Communications, Universidad Carlos III de Madrid, Spain), Nurhan Türker Tokan (Department of Electronics and Communications Engineering, Yildiz Technical University, Turkey), Bal S. Virdee (Center for Communications Technology, London Metropolitan University, U.K.), and Francisco Falcone (Department of Electric, Electronic and Communication Engineering and the Institute of Smart Cities, Public University of Navarre, Spain, and Tecnológico de Monterrey, School of Engineering and Sciences, Mexico)	Waiting for Author-registration
Poster Session - 2A	Feb. 21 (Tuesday)	15:40	17:40	Applications for Information Systems P-I	1570870898	An Overview of 3GPP Release 17 & 18 Advancements in the Context of V2X Technology	Malik Muhammad Saad, Muhammad Ashar Tariq, Junho Seo and Dongkyun Kim (Kyungpook National University, Republic of Korea)	
					1570867306	Indoor Space Flow Analysis Based on Deep Learning	Chang Woo Choi, Hyeon Kang and Yoonyoung Hong (Pusan National University, Republic of Korea); Yongsu Kim (SmartM2M, Republic of Korea); Guem Bo Kim and Aji Teguh Prihatno (Pusan National University, Republic of Korea); Jang Hyun Ji (SmartM2M, Republic of Korea); Seung Do Hong (LG Electronics, Republic of Korea); Ho Won Kim (Pusan National University, Republic of Korea)	
					1570870869	Illegal 3D Content Distribution Tracking System based on DNN Forensic Watermarking	Jaehyoung Park and Jihye Kim (Protocol Engineering Lab., Sejong University, Republic of Korea); Jiyou Seo and Sangpil Kim (Korea University, Republic of Korea); Jong-Hyouk Lee (Sejong University, Republic of Korea)	
					1570877678	Enhanced-feature pyramid network for semantic segmentation	Min Young Kim and Quyen Van Toan (Kyungpook National University, Republic of Korea); Jong Hyuk Lee (Kyunpook National University, Republic of Korea)	
					1570868702	An OAM Classification Technique using CNN Approach	Sudhanshu Arya and Yeonho Chung (Pukyong National University, Republic of Korea)	
					1570867112	Study of validation methods for augmented data	Jong-Jin Jung (Korea Electronics Technology Institute & Digital Media Research Center, Republic of Korea)	Waiting for Author-registration
					1570873249	Contextual Dependency-aware Graph Convolutional Network for Extracting Entity Relations	Jiahui Liao and Yajun Du (Xihua University, China)	Waiting for Author-registration
					1570867938	Durable Duty-Cycling based Data Communication protocol for Wireless Sensor Network	Anbuchelian S (Anna University Chennai, India); Sowmya Murugesan (College of Engineering Guindy, India)	Waiting for Author-registration
					1570866254	Federated Learning-Enabled Digital Twin for Smart Additive Manufacturing Industry	Made Adi Paramartha Putra (Kumoh National Institute of Technology, Republic of Korea & STMIK Primakara, Indonesia); Syifa Maliah Rachmawati and Revin Naufal Alief (Kumoh National Institute of Technology, Republic of Korea); Augustin Gohil (Cognitgo Co., USA); Dong Seong Kim and Jae Min Lee (Kumoh National Institute of Technology, Republic of Korea)	
					1570871469	Preliminary Design for Development of Detachable Test Automation System Based on AUTOSAR	Songhee Lee, Junho Kwak and Jeonghun Cho (Kyungpook National University, Republic of Korea)	
					1570866964	Proposal of Docker and Kubernetes Direction through the Event Timeline of Kubernetes	Seungchan Woo (Protocol Engineering Lab., Sejong University, Republic of Korea); Jong-Hyouk Lee (Sejong University, Republic of Korea)	

Poster Session - 3A	Feb. 21 (Tuesday)	15:40	17:40	Information and Communications Technology P-II	1570867162	Real-time object detection using a domain-based transfer learning method for resource-constrained edge devices	Dongkyu Kim (Korea Electronic Technology Institute, Republic of Korea); Seokjun Lee (Korea Electronics Technology Institute (KETI), Republic of Korea); Nak-Myoung Sung (Korea Electronics Technology Institute, Republic of Korea); Chungjae Choe (Korea Electronics Technology Institute (KETI), Republic of Korea)	
					1570879330	A Data Augmentation Approach to 28GHz Path Loss Modeling Using CNNs	Bokyung Kwon, Youngbin Kim and Hyukjoon Lee (Kwangwoon University, Republic of Korea)	
					1570871011	Implementation of Single and Multi Linear Regression for Prediction of Energy Consumption based on Previous Data of Energy Production	Quota Alief Sias (Universitas Negeri Malang, Republic of Korea); Rahma Gantassi (Communication System Laboratory Sys'Com National Engineering School, Tunisia); Sol Lim and Yonghoon Choi (Chonnam National University, Republic of Korea)	
					1570870769	A Machine Learning and Deep Learning Integrated Model to Detect Criminal Activities	Kanj Fatema Arpa, Nusrat Jahan, Riffat Ara Khan Tayna, Tasnim Ferdous and Tanni Mittra (East West University, Bangladesh)	Waiting for Author-registration
					1570867327	CNN Based Rice Plant Disease Diagnosis And Controlling Application	Viran Laksura Udayananda and Nandana Pathirage (General Sir John Kotelawala Defence University, Sri Lanka)	Author-registration Tried, but Failed.
Poster Session - 4A	Feb. 21 (Tuesday)	15:40	17:40	Applications for Information Systems P-II	1570866518	Analysis of Recent IIoT Security Technology Trends in a Smart Factory Environment	Jihye Kim and Jaehyoung Park (Protocol Engineering Lab., Sejong University, Republic of Korea); Jong-Hyoun Lee (Sejong University, Republic of Korea)	
					1570871537	FLB2: Layer 2 Blockchain Implementation Scheme on Federated Learning Technique	Revin Naufal Alief (Kumoh National Institute of Technology, Republic of Korea); Made Adi Paramartha Putra (Kumoh National Institute of Technology, Republic of Korea & STMIK Primakara, Indonesia); Augustin Gohil (Cognitgo Co., USA); Jae Min Lee and Dong Seong Kim (Kumoh National Institute of Technology, Republic of Korea)	
					1570862679	AI in Classroom: Group Score Prediction System	Yeoun Chan Kim (TagHive Inc., Republic of Korea); Pankaj Agarwal (Tag-Hive. Inc, Republic of Korea)	
					1570864869	Deep Learning-based Ultra Short Baseline Underwater Positioning	Hojun Lee, Kye-Won Kim, Taegeon Chung and Hak-Lim Ko (Hoseo University, Republic of Korea)	
					1570872521	Preventive Maintenance Techniques through Learning-based Remaining Useful Lifetime Prediction in IoT Sensor Networks: The Survey	Donghyun Lee, Yongin Jeon, Junsuk Oh, Chunghyun Lee, Taeyun Ha and Sungrae Cho (Chung-Ang University, Republic of Korea)	
					1570877994	Remaining Useful Life Prediction Using an Ensemble Learning-Based Network for a Belt Conveyor System	Junhyung Jo and Zeu Kim (Pohang University of Science and Technology, Republic of Korea); Young-Joo Suh (Pohang University of Science and Technology (POSTECH), Republic of Korea)	
					1570880017	Intelligent Task Offloading Method using Deep Q-Network for Collaborative Edge Computing System	Joo-Sang Youn (Donggeui University, Republic of Korea)	Waiting for Author-registration
1570865738	Design of poultry farm disease detection system based on K-Nearest Neighbor Algorithm	Seung Jae Kim (Sunchon National University & Intelligent Smart Agriculture Grand ICT Research Center, Republic of Korea); Hyun Yoe (Sunchon national University, Republic of Korea); Meong Hun Lee (SunChon National University, Republic of Korea)	Author-registration Tried, but Failed.					

Poster Session - 2A	Feb. 22 (Wednesday)	15:40	17:40	Information and Communications Technology P-III	1570864810	Detection of Morphological Characteristics of Atrial Fibrillation Using Semantic Segmentation	Kunwook Jo, Hoohyun Kim, Jongdoo Choi, Yun Kwan Kim, Lan-Mi Hwang and Hee Seok Song (Seers Technology, Republic of Korea)	
					1570870160	Analysis of Teaching and Learning Environment for Data Science and AI Education (Focused on 2022 Revised Curriculum)	Seulki Kim, Taeyoung Kim and Kwi-Hoon Kim (Korea National University of Education, Republic of Korea)	
					1570871641	Representation Learning for Wafer Pattern Recognition in Semiconductor Manufacturing process	Seunghwan Song and Jun-Geol Baek (Korea University, Republic of Korea)	
					1570874173	Radar Signal Abnormal Point Classification based on Camera-Radar Sensor Fusion	Hyojeong Seo and Dong Seog Han (Kyungpook National University, Republic of Korea)	
					1570866074	Fast Verilog Simulation using Tcl-based Verification Code Generation for Dynamically Reloading from Pre-Simulation Snapshot	Yonghun Lee (Kyungpook National University, Republic of Korea); Daejin Park (Kyungpook National University (KNU), Republic of Korea)	
					1570866303	An Automatic Vehicle Speed Control System with Consideration of Various Uncertainties	Pyung Soo Kim and Su Yeol Kim (Tech University of Korea, Republic of Korea)	
					1570871507	Coordinated autonomous networks for remote synchronized video services with the autonomous mobility robots - prelude implementation	Hideki Yamamoto and Masato Iwashita (Oki Electric Industry Co., Ltd., Japan); Leon Wong (Rakuten Mobile, Japan); Yusaku Kaneta (Rakuten Mobile Inc., Japan); Kenta Urano and Takuro Yonezawa (Nagoya University, Japan)	Author-registration Tried, but Failed.
Poster Session - 2B	Feb. 22 (Wednesday)	15:40	17:40	Applications for Information Systems P-III	1570871664	Time Series Anomaly Detection Using Contrastive Learning based One-Class Classification	Yeseul Lee (University of Korea, Republic of Korea); Yunseon Byun (Korea University, Republic of Korea, Republic of Korea); Jun-Geol Baek (Korea University, Republic of Korea)	
					1570874171	Sequential Rasterized Image-based Trajectory Prediction Deep-Learning Model	Chaehyun Lee and Dong Seog Han (Kyungpook National University, Republic of Korea)	
					1570871853	A Review on Rate-Splitting Multiple Access-Assisted Downlink Networks: Energy Optimizations	Anh-Tien Tran, Demeke Shumeye, Thien Duc Hua and Quang Tuan Do (Chung-Ang University, Republic of Korea); Nhu-Ngoc Dao (Sejong University, Republic of Korea); Sungrae Cho (Chung-Ang University, Republic of Korea)	
					1570871642	PCR Radar-Based Counting System for Packaged Objects	Joongho Cho (University of Sejong, Republic of Korea); Soorim Yang and Jaeho Kim (Sejong University, Republic of Korea)	
					1570872457	Optimization of Cloud Computing Workload Prediction Model with Domain-based Feature Selection Method	Changhoon Lee (AI Lab & Okestro, Republic of Korea); MinJae Song (OKESTRO, Republic of Korea); WooJu Kim (Yonsei University, Republic of Korea)	

				1570878435	Strategic Use of Online Review of Mobile App	Sohui Kim and Min Ho Ryu (Dong-A University, Republic of Korea)	Author-registration Tried, but Failed.
				1570871494	Analysis of Resource Usage Management Plan for Federated Learning in Hybrid Cloud	Sangwon Oh and Hyeju Shin (Chonnam National University, Republic of Korea); Minsoo Hanh (Astana IT University, Kazakhstan); Jinsul Kim (Chonnam National University, Republic of Korea)	Waiting for Author-registration