

IEEE CyberSciTech/DASC/PICom/CBDCom 2024
Venue: Henann Regency Resort and Spa
Advanced Program

Day 1 (11/6)	09:30 – 17:00	Registration (near Golden Pavilion Room)			
	10:00 – 11:30	Birds-of-a-Feather (BoF) (Golden Pavilion Room)			
	13:00 – 14:30	Tutorial (Golden Pavilion Room)			
	14:30 – 15:00	Coffee Break (Golden Pavilion Room)			
	15:00 – 18:00	Panel Discussion (Golden Pavilion Room)			
	18:30 – 21:00	Welcome Reception (***) Sunset Restaurant, Paradise Garden Resort Hotel and Convention Center)			
Day 2 (11/6)	08:00 – 17:00	Registration (near Golden Pavilion Room)			
	08:30 – 09:50	Welcome Ceremony (Golden Pavilion Room)			
	09:00 – 10:20	Keynote Talks (Golden Pavilion Room)			
	10:20 – 10:40	Coffee Break (Golden Pavilion Room)			
		Session D2A-A (Golden Pavilion Room)	Session D2A-B (Sapphire Room)	Session D2A-C (Jade Room)	Session D2A-D (Ruby Room)
		GAII-HyperI (Session Chair: Ao Guo, Nagoya University, Japan) Zoom ID: 851 8432 9453 Password: 345158	HIEMI (Session Chair: Antonio Guerrieri, National Research Council of Italy, Italy)	DASC A (Session Chair: Tadashi Dohi, Hiroshima University)	CyberSciTech A (Session Chair: Jiaqi Wang, Waseda University, Japan) Zoom ID: 885 1181 1308 Password: 620325
	10:40 – 11:00	Learning ECG Signal for People Identification under Different Environments - Zhiyong Huang, Yiyang Meng, Ai Guo, Wafiq Ibrahim, Jianhua Ma	Architecting a Privacy-Aware IoT-Enabled Platform for Bathing Monitoring in Beach Resorts: A Case Study - Giovanni Campi, Davide Cammello, Mario Di Ramondo, Corrado Santoro, Federico Fausto Santoro	Wii-to-IoT Registration and Evaluating the Security and Resilience of Internet of Things and Connected Devices using a Collaborative Platform - Jeeb Decker, Fahmi Jaafar	Online Representation Learning for Complex Networks - Shiyu Chen, Jun Hu
	11:00 – 11:20	Perception Shift in Foreign Identification under Different Environments - Zhiyong Huang, Yiyang Meng, Ai Guo, Wafiq Ibrahim, Jianhua Ma	A Comprehensive System for Indoor Assistance and User Interaction - Francesco Casterucci, Miriana Russo, Corrado Santoro, Federico Fausto Santoro, Alessio Tundo	CyberSecurity Correlate: A Design Pattern for Creating Zero Trust Architectures through Microsegmentation - Claudio Zanati, Mirco Marchetti, Michele Colognini	Online Intelligent Task Offloading in IoT-Driven Digital Twin Systems via Hybrid Federated and Reinforcement Learning - Shivan Goyal, Sudhakar Kumar, Suraj K. Singh, Bin B. Gupta, Varsha Anya, Rakesh Teja Ch
	11:20 – 11:40	Online Deepware-Integrated Reducing Redundant Generation Leveraging Positional Encoding for Text and Images - Yuhai Pan, Kai Li, Han Shou, Jinghui Wu, Feifei Shao, Junyi Xu, Guanghui Sun	Estimating Performance of Application Deployment on Distributed IoT Edge Cloud Infrastructures - Fabrizio Marzoni, Alessandro Presi, Roda Venturini, Andrea Virdi	Dynamic Allocation of Data Security in Wireless Sensor Networks Mohammed Zamehri Ali	Online Advanced Evaluation of Propagation Models and Routing Protocols in Vehicular Ad-Hoc Networks - Ahmed Jawawri, Suraj K. Singh, Sudhakar Kumar, Rakesh Teja Chai, Bin B. Gupta
	11:40 – 12:00	Online A PDS-CNN-BLSTM model for predicting Leaf Area Index - Wang Dong, Zhou Guoyuan, Jinghui Xu, Jiao Eduardo Batista, Qun Jia, Huihui He	Graph Attention Network with LSTM for Smart Contract Vulnerability Detection - Myungbin Jang, Hyunhui Ha, Inbeom Jang	Benchmarking Deep Learning Algorithms for Intrusion Detection IoT Networks - Enzo Houmady, Fahmi Jaafar	Online SA-PSO Approach for Optimizing QoS Management in SDN Service Chains - Wen A. Chertan Lin, Jiang Liu, Honggang Xu, Liangxiu Xu, Jun Hu
	12:00 – 13:30	Session D2P-A (Golden Pavilion Room)	Session D2P-B (Sapphire Room)	Session D2P-C (Jade Room)	Session D2P-D (Ruby Room)
		CyberSciTech B (Session Chair: Lai Tu, Huazhong University of Science and Technology, China)	PICom A (Session Chair: Federico Fausto Santoro, University of Catania, Italy)	EDCSTA (Session Chair: Bernady Apuduh, Kyushu Sangyo University, Japan) Zoom ID: 82535548383 Password: 293729	CyberSciTech C (Session Chair: Jia Guo, Hubei University of Economics, China) Zoom ID: 885 1181 1308 Password: 620325
	13:30 – 13:50	A Study on Adaptive Gradient Clipping Algorithms for Differential Privacy: Enhancing Cyber Security and Trust - Shihan Chen, Wu Liang	A Study on Consumer Grade EEG Headsets in BCI Applications - Luigi Rizzo, Paolo Zucal, Franco Ciolek, Antonio Guerrieri, Massimo Miceli, Andrea Virdi	Message Routing Protocol for DTN based on Road Network Density - Kazuma Matsubara, Naohiro Hayashibara	Online Attack Path Extraction Based on VQAE and DBSCAN - Zi Ang Lu, Lin Chen, Yong Li, Guangxin Guo, Teng Yan Wang
	13:50 – 14:10	Adversarial Evaluation of AI-Based Security Audit Screening Systems - Samuel Ntchou, Tai Bao, Takeishi Takahashi, Akira Yamada, Seichiro Ozawa, Shota Kikuchi	Comprehensive Analysis of Data Emotions Using Statistical and Visual Features - Chuan-Yu Chang, Jia-Nie Chia, Hui-Hsiang Huo	Hybrid IoT Programming with Data Flow Diagrams and Moby - Kazuki Tanaka, Sota Ogura, Kishinamori R	Online Review of Collaborative Inference in Edge Intelligence: Emphasis on DNN Partition - Ning Liu, Fei Dai, Xinzhou Chai, Guoxi Liu, Xiaojing Wu, Bi Huang
	14:10 – 14:30	Privacy-Preserving Parameter Aggregation Scheme Based on Two Leaders for Federated Learning - Weiye Wang, Zhuodan Lin, Tianhui Li, Kouda Seitaro, Chonghui Su	Sensorimotorography-Inspired Heart Activity Monitoring Using FMICW Radar - Walid Ibrahim, Jianhua Ma, Muen Ma, Yuntong Lu, Alex Qi, Yihong Qi	VR-MMI: A Virtual Reality Trainer for Industrial Fault MIT - Lawrence Earl Romagosa, Ehsan Tabatabaie, Stephanie Vallatien, Earl Ryan Ayalga	Online SAR/FT Scalable Tree Communication Pattern BPT Protocol - Jiamin Yang, Xiaodong Wang, Hu Lin
	14:30 – 14:50	Internet Security and Privacy Assessment Among College Students in the Philippines - Jim Alvin-Frost, Baby Grace Lio	Subject General and Subject Specific Emotion Recognition Across Video Stimuli Using EEG Signals - Zhiyong Huang, Ai Guo, Jianhua Ma	Online Corruption Prediction for Multimodal Learning of Authorial Data - Yot Hui, Yui Toyooka, Kai Cheng, Keisuke Aki	Online Lightweight IoT-Oriented Virtualized Computing Scheme in Cloud Computing Environments - Xinliao Pei, Yaling Chen, Yun Luo, Zaidong Li, Jiang Wei
	14:50 – 15:10	Traffic Prediction by Integrating Multi-Cycle Features and Spatio-Temporal Correlations - Lugang He, Benxiong Huang, Lei Hu	Multimodal Sequential Deep Learning for Agitation Detection in People Living with Dementia - Shreshth S. Khatri, Grant Lau, Bing Ye, Kristine Newman, Alaa Mhaidib, Andreas Latoris	Online Investigating the Impact of COVID-19 Pandemic on Education by Learning Analytics - Katsuko Ake, Kai Cheng	Online Combined Block-X Clustering IoT Clustering and Blockchain Sharing Strategy Using Deep Reinforcement Learning - Tianli Chen, Lin Hu, Lihua Wu, Xiaodong Wang
	15:10 – 15:30	Session D2P-E (Golden Pavilion Room)	Session D2P-F (Sapphire Room)	Session D2P-G (Jade Room)	Session D2P-H (Ruby Room)
		CyberSciTech D (Session Chair: Walid Ibrahim, Hobei University, Japan) Zoom ID: 880 7517 6058 Password: 650323	PICom B (Session Chair: Claudio Miceli, Federal University of Rio de Janeiro, Brazil)	EDCSTA/ADSN (Session Chair: Junichi Funakoshi, Hiroshima City University, Japan)	CyberSciTech E (Session Chair: Jia Guo, Hubei University of Economics, China) Zoom ID: 885 1181 1308 Password: 620325
	15:30 – 15:50	Detecting Characteristic Points in Breathing Cycles Using FMICW Radar with Spectral as Reference - Hailian Wang, Walid Ibrahim, Jianhua Ma, Muen Ma, Alex Qi	Myriad WII Applications from Identifying to a Modular Approach based on the BrioCMI Middleware: Scenarios and Analysis - Jakob Mij, Kyrill Molyvdov, Przemyslaw Zylak	Smart Parking: Detecting Smart Spots from an Angled Image - Anirudh Jeyaraj, Alex Vardoulakis, Mar Jan Magallanes, Perry Rosa Flores, Stephen Hahn, Francis Jans A. Aguirre, Stephanie Vallatien, Cheryl Mae Villane, Steve Carl, Arnel Zamkela, Earl Ryan Ayalga	Online Network Intrusion Detection Algorithm Based on LightGBM Model and Improved Particle Swarm Optimization - Yuan Gang, Hanyang He, Zhouwen Ge, Zhihao Lan
	15:50 – 16:10	Automotive Detection-Making in Roundabouts Using Deep Reinforcement Learning and Heuristic Rules - Hailian Zhang, Weizhen Han, Hanyang He, Hanyang Feng, Jia Hu	A Computer Vision Algorithm for Path Planning in Mobile Robots - Federico Fausto Santoro, Corrado Santoro, Miriana Russo, Claudio Ruggeri	Secure Management Support Application for Operation Managers and Booking System Security - Toshihiro Itoyoshizaki, Chinese Buyarpan, Yoshitaka Nishimura, Hiroyuki Sakuma, Katsuhiko Inagaki	Online Improving Example Quality in Black Box Hard Label Text Adversarial Attacks - Danyu Xu, Penghuihang Wang, Qianxiu Li
	16:10 – 16:30	Online Deep Knowledge Tracking Model Integrating Multiple Feature Personalization Factors - Yuxuan Wang, Xinghua Xu, Fanjun Meng	Capturing Spatial Information for eMCG-Based Gesture Recognition Using Graph Attention Networks - Tong Xia, Feng Wang, Seichi Kawata, Jian Zhao, Jinhui Shi, Chuanhui Chang	Early Detection of User Dynamics Overheating Through Frequency Analysis of Time-Series Data - Masaki Aida, Kazuo Nakagawa, Chisa Takano	Online Unsupervised Anomaly Behavior Detection in Power Information Network Based on Discriminative Semantic Transformation Sequences - Xue Yu, Wei Sun, Jian Lu, Peng Gao
	16:30 – 16:50	Online Improved VQAE for Parameter Patch Detection Using Deformable Convolution and Bidirectional Feature Pyramid Network - Xiaojing Wu, Bi Huang, Fei Dai, Shao Wang, Xinzhou Chai, Yuhong Dong	Reducing the Influence of Individual Variability in eMCG-Based Fatigue Detection Using Transfer Learning - Renwei Liu, Feng Wang, Seichi Kawata, Jian Zhao, Jinhui Shi, Chuanhui Chang	Introducing Time-Series Requiring Scheme to Segmented File Download Methods Using Parallel TCP/MPTCP Connections on Multiple Paths - Junji Ohtsuka, Naoki Okada	Online IoT Intrusion Detection Using SDN Cloud-edge Collaboration and Ensemble Deep Learning - Yuhua Xu, Yan Li, Sun Zhen
	16:50 – 17:10	Online Multimodal-Wave Human Image Dangerous Object Detection Based on Faster R-CNN - Bo He, Yang Gao, Jing Cao, Weining Cai, Xin Ma, Xianyu Zhao, Zhihao Lan	Enhancing Robustness Through a Distributed Multi-Agent Digital Twin Environment - Federico Fausto Santoro, Corrado Santoro, Miriana Russo, Giovanni Campi	Bertrand's Paradox in Vertical Handover: A Probabilistic Analysis - Karim Fakhraoui, Sumiko Miyake, Masaki Aida	Online Private Comparison Based on Digital Decomposition for IoT Cloud Environments - Zaidong Li, Yaling Chen, Yun Luo, Xinliao Pei, Yingqi Gu
Day 3 (Tuesday, 11/7)	08:00 – 17:00	Registration (near Golden Pavilion Room)			
	08:30 – 09:50	Keynote Talks (Golden Pavilion Room)			
	09:50 – 10:20	Coffee Break (Golden Pavilion Room)			
		Session D3A-A (Golden Pavilion Room)	Session D3A-B (Sapphire Room)	Session D3A-C (Jade Room)	Session D3A-D (Ruby Room)
		CyberSciTech F (Session Chair: Francesco Piccialli, University of Naples Federico II, Italy)	CyberSciTech G (Session Chair: Juijie Zhang, The University of Electro-Communications, Japan)	CyberSciTech H (Session Chair: Walid Ibrahim, Hobei University, Japan) Zoom ID: 880 7517 6058 Password: 650323	CyberSciTech I (Session Chair: Jianing Zhao, Waseda University, Japan) Zoom ID: 885 1181 1308 Password: 620325
	10:20 – 10:40	Leveraging Digital Twins and Generative AI for Effective Urban Mobility Management - Marco Caracciolo, Sara Ambrosio, Edoardo Picciotto, Fabio Giampiccolo, Salvatore Cusumà, Francesco Piccialli	CDPP: A Crowdsensing Task Allocation Method Based On Dynamic Participant Preferences - Jangyeon Yu, Zhiwen Yu, Zhaoxiang Huang, Lili Zhao, Ziyue Yu, Bin Guo	Online Research on Virtual Resource Scheduling Algorithm Based on Multi-Objective Optimization - Cheng Zhou, Xuegan Guan, Chen Wang, Wen A. Chertan Lin	Online Short-term Solar Irradiance Forecasting Based on CNN-Transformer Model - Chuan Wang, Hua Wang, Jan Bi, Ke Yan
	10:40 – 11:00	Evaluation Guidance System Using LLMs of Multiple Types of Detection - Kozaburo Itoke, Noriaki Kamiyama	Money Adjustment Among ISPs Based on Cooperative Games for ICN Promotion - Masaki Ito, Noriaki Kamiyama	Online Model Extraction Attacks on Text-to-Image Generative Adversarial Networks - Ying Chen, Weizhen Guo, Penghui Xu, Xueqi Ma, Zheng Yu, Qing	Online Address Selection for Multi-Party Conferences in Cyber-Physical-Social Systems - Xiaoming He, Yutong Jiang, Huijun Guo, Yingxiu Lu
	11:00 – 11:20	Energy Efficient Reliable Data Storage Scheme in Heterogeneous Clouds - Zhaoxiang Huang, Zhiwen Yu, Zhiqiang Huang, Erhe Yang, Jangyeon He, Bin Guo	Assessing ChatGPT-Generated Comments for Video Content Viewing in Online Learning - Jiaojiao Wang, Jian Chen, Qun Jin	Online Voltage Prediction of Electric Vehicle Based on Attention Mechanism CNN-GRU Model - Hanyang Feng, Weizhen Han, Hailian Zhang	Online Unsupervised Anomaly Behavior Detection in Power Information Network Based on Discriminative Semantic Transformation Sequences - Xue Yu, Wei Sun, Jian Lu, Peng Gao
	11:20 – 11:40	Model Distilling by Fusing Multi-Stage Image Features - Shihua Zhang, Fan He, Xun Shao	Bandwidth-Adaptive Semantic Communication System with Non-ICI Image Compression - Chao Wu, Cailinmei Wu, Jiale Wu, Yangliu Lin, Zhaoyang Du, He Li, Wuyanghe Bai	Online Improving the Visual Quality of Adversarial Examples for Face Recognition Models - Yuhua Zhang, Qianxiu Li, Fan Liu	Online IoT Intrusion Detection Using SDN Cloud-edge Collaboration and Ensemble Deep Learning - Yuhua Xu, Yan Li, Sun Zhen
	11:40 – 12:00	An Automated Memory Image Forensic Scheme for Linux Systems Based on Containerization Technology - Ruhao Chen, Hai Lin, Qinglin Lin, Hai Li	Fuzzy Logic-Based Deep Reinforcement Learning Pre-Training: A Case Study in MEC Task Offloading - Juijie Zhang, Yangliu Lin, Zhaoyang Du, Wuyanghe Bai	Online Stealthy Adversarial Patch for Evading Object Detectors Based on Semantics Maps - Ce Wang, Qianxiu Li	Online Pavement Crack Detection Based on Channel Attention Mechanism - Guo Lu, Bi Huang, Ning Liu, Xiaojing Wu, Li Yang, Fei Dai
	12:00 – 13:30	Session D3P-A (Golden Pavilion Room)	Session D3P-B (Sapphire Room)	Session D3P-C (Jade Room)	Session D3P-D (Ruby Room)
		CyberSciTech J (Session Chair: Yegang Du, Tohoku University, Japan)	PICom C (Session Chair: Andrea Vinci, ICAR-CNR, Italy)	DASC B (Session Chair: Naohiro Hayashibara, Kyoto Sangyo University, Japan)	CyberSciTech K (Session Chair: Sun Hangzhou Medical College, China) Zoom ID: 885 1181 1308 Password: 620325
	13:30 – 13:50	Integrated Detection System for Intelligent Model - Xian Yang, Zhihao Lan	Traffic Classification for Network Slicing Using Machine Learning Techniques - Giselle Qazi, Claudio Miceli de Faria, Fabia Coimbra Delato	Maximum Likelihood Prediction in Software Reliability Assessment - Tadeusz Duda	Online A Graph Neural Network with Instance-Aware Mechanism for Enhanced Fraud Detection - Yuhao Chen, Binbin Zhao, Zengqiao Zheng, Jianhua Ma
	13:50 – 14:10	False News Detection Based on Contrast Learning and Cascading Attention - Fu Li, Hua Zhang, Zhihao Lan, Binqian Wang	(Online) DICE: Distributed Code Generation and Execution - Rutan Rao, Giuseppe Cognigni, Simrat Chaudhary	Online A Novel Framework of Constructing on Water Pipeline Networks by Node Embedding Approach - Abida Mulla, Rami, Ary Muzahidun, Biogio, Ahmad Sathya and Muhammed Ajli Fransiska	Online Chinese Named Entity Recognition in Industry Domain Based on Localized Embedding - Jingxin Zhao, Collan Lu, Cailian Xu, Zhenning Ni, Jiaolong Ren, Zhang Yu, Qing
	14:10 – 14:30	Analysis of Business Model of Co-Creation Digital Twin City Using Evolutionary Game - Kaho Kondo, Noriaki Kamiyama	Project Quantum Kernel for IoT Data Analysis - Francesco D'Amico, Luca Marini, Carlo Maccioni, Jacopo Sestini, Andrea Vinci	A Portable, Efficient and Private Future Reducing Privacy-Preserving Machine Learning Through Hybrid Homomorphic Encryption - Nisha Nguyen, Minquan Bu, Eugene Freimong, Tanweer Khan and Antonio Michalis	Online ETC-Former: Spatio-Temporal Transformer Network for Traffic Flow Prediction - Lusheng Li, Xinzhou Chai, Fei Dai, Bihua Wang, Yuesi Dang, Bi Huang
	14:30 – 14:50	Bandwidth-Adaptive Semantic Communication System with Non-ICI Image Compression - Chao Wu, Cailinmei Wu, Jiale Wu, Yangliu Lin, Zhaoyang Du, He Li, Wuyanghe Bai	Online Prediction of Personal Exposure to PM2.5 Using a Network of Stationary and Wearable Air Quality Monitors - DK, Anind	Leveraging Generative AI to Enhance Automated Vulnerability Scoring - Seyadell Lal Mirhassini and Andrea Pugliese	Online Deadlock Analysis of Microservice Systems with Bounded Buffers - Li Yang, Bi Huang, Xinzhou Chai, Guoxi Liu, Xiaojing Wu, Fei Dai
	14:50 – 15:10	Online Privacy-Driven Non-Invasive Approach to Sleep Analysis - Riya Mahajan, Yegang Du, Alexander Schmitt, Gabriela Trovati, Neelam Tati, Engeli Ragon	Online Human-Centric Based Energy and Comfort Optimization in Cognitive Buildings: A Review - S'ulathul Khat, Antonio Guerrieri, Franco Corbelli, A. Stephen McLaugh, Gastroenterology Specialist	Towards cryptographic agility methods in end-to-end encryption systems: a position paper from the perspective of crypto-consumers - Alexander Brondino and Laurence Henkel	Online A Privacy-Preserving Access-Insulation Archives Utilization Framework and Implementation - Weisue Chen, Jingqian Zuo, Shuai Yu, Chi Chen
	15:10 – 15:30	Session D3P-E (Golden Pavilion Room)	Session D3P-F (Sapphire Room)	Session D3P-G (Jade Room)	Session D3P-H (Ruby Room)
		IoT-Life (Session Chair: Hong Chen, Daichi Institute of Technology, Japan)	PICom D (Session Chair: Claudio Miceli, Federal University of Rio de Janeiro, Brazil)	Cyber-IoT/BigCyberSecurity (Session Chair: Yuanchuan Wang, Xi'an Jiaotong University, China)	CyberSciTech L (Session Chair: Guangqun Sun, Hangzhou Medical College, China) Zoom ID: 885 1181 1308 Password: 620325
	15:30 – 15:50	Analyzing the Impact of Effect Sounds on Real-World Human Emotions and Behaviors by Adding Effect Sounds to Human Actions - Xin Tong	Online Network Based Analysis of Alzheimer's Disease Using A2NI-Derived Synthetic Connectomes - Carmela Comito, Annalisa Sciove	Online Delay-Sensitive Computation Offloading in Vehicular Networks Based on Local Blockchain - Xin Liu, Rui Wang, Rui Xing, Dongqian Lu, Fangfang Zhang, Lei Sun	Online Node Balance-aware Centrality Based Defense Strategy Against Topology Inference Threat: A Static Game Theoretical Perspective - Wanglei Zhang, Yu Jiang, Qinglin Wang, Chao Zhan, Yuhao Chen, Zhen Chen, Zhen Chen, Yuhao Chen
	15:50 – 16:10	Impacts of Internet of Things (IoT) Leveraging Radio Frequency Identification (RFID) and Internal Protocol (IP) on Business Continuity (BC) and Disaster Recovery (DR) - Koki Kume, Akihiro, Katsunori Sato, Shota, Chikuma, Makoto, Kaito, Sato, A. Akashi	Online Deep Learning and Implementation of a Flexible Mobile Edge Middleware for Multi-Protocol Wireless Connectivity - Tatiana Renier, Luis Eduardo	Online Integrated Sensing and Communication for UAV Detection: A Reinforcement Learning-based - Yu Bu	Online An Approach to Detecting Redundant Vulnerabilities in Interacting Smart Contracts Using Model Checking - Xinzhou Chai, Bi Huang, Ning Li, Guo Lu, Xiaojing Wu, Li Yang, Fei Dai
	16:10 – 16:30	A Novel Smart Grid-based Data Authentication System via Signature Image Recognition Handwriting Behaviors Identification - Xiangyu Su, Siye Kang, Bi Guo	Online A Deep Learning Based Digital Twin for Indoor Temperature Prediction in Smart Buildings - Mi Babal, Iain, Antonio Guerrieri, Raffaella Gargano, Giancarlo Forti	Age of Information Driven Grant-Free Power Communication - Yuanchuan Wang, Jia Zhang, Yilang Liu, Weilin Song, Jian Tang	Online Enhancing Adversarial Patch Effectiveness for Face Recognition Systems Using Sharpness-Aware Minimization - Wu Chengy, Zhang Jing, Zhixian Li, Zhihao Lan
	16:30 – 16:50	Investigating Decentralized Management of Wastewater Data for Health and Fitness - Tao Zhou, Tianyu He, Hong Chen	Online Anomaly Identification and Classification of Network Traffic Using Optimized Machine Learning Approach - Vishweshwar Eswaralakshmi, Priyanka Singh	Online Improved Multi-Objective Simulated Annealing Particle Swarm Algorithm for Sizing and Capacity Sizing of Distributed Power Supplies - Hou Lu, Sun, Chuanwen Wen, Chunhui Shi, Fei Lu, Li, Guangqun, Peng, Li	Online NCA-Bi-Block Prediction Using Machine Learning and Combinatorial Fusion Analysis - Yuanhong Wu, Frank He, Sathish Sathish, Tushar Marwari, Michael Schneider, Mohamed Redouh
	16:50 – 17:10	Online Analyzing Eye-Movements of Drivers with Varying Levels of Task Sophistication - Heijun Wang, Luoyang Wang, Yuhao Chen, Jun Wang, Bi Guo	Online Human-Centric Based Energy and Comfort Optimization in Cognitive Buildings: A Review - S'ulathul Khat, Antonio Guerrieri, Franco Corbelli, A. Stephen McLaugh, Gastroenterology Specialist	Duplicate Data Elimination Optimization Strategy Based on Edge Service Management - Jiongbin Guo, Xiaojing Xu, Liangxiu Xu, Wenchen Guo, Jia Yu, Ziyang Li	
	17:10 – 17:30	Online Analyzing the Inhibition Behaviors of GABAergic Cells Based on Human Pose Estimation - Yu Qi, Bi Guo, Chongyong Zhang, Siye Kang	Online A Domain Model for Urban Digital Twin - Stephan Hahn	Online Fine-Grained Access Control for Lightweight Data Sharing of UAVs - Hailian Zhang, Qianxiu Li	
	19:00 – 22:00	Gala Dinner (Regency Ballroom)			
Day 4 (Friday, 11/8)	08:00 – 11:00	Registration (near Golden Pavilion Room)			
		Session D4A-A (Golden Pavilion Room)	Session D4A-B (Sapphire Room)		
		CyberSciTech M (Session Chair: Chao Wu, The University of Electro-Communications, Japan)	CyberSciTech N (Session Chair: Gangguli Wang, The University of Electro-Communications, Japan)		
	08:30 – 08:50	SMCSP: Self-Adaptive Neural Network Design for Edge AI - Xun Tang, Kai Li, Li Wang, Hui Shao, Siu-Hong Wang	Checking the Neural Network Subtyping Ability and Proving Their Challenges for Human-like Subtyping - Seungmin Kim, Kang-Hyun Jo		
	08:50 – 09:10	DORAC: Dynamic Objects Removal And Clustering For Object Detection - Kwanho Kim, Dehyang Kim, Kanghyun Jo	3D-DF: Pose Estimation of Vehicles on the Road - Jiaojiao Wang, Kanghyun Jo		
	09:10 – 09:30	Low-Frequency Injection for Performance Boosting of Image Classification - Minsu Kim, Jongchul Lee, Kang-Hyun Jo	Cross-Layer Performance Analysis of Delay-Degraded Domain Multi-Carrier Modulation for Vehicular Networks - Gangguli Wang, Cailinmei Wu, Yangliu Lin, Zhaoyang Du, Wuyanghe Bai		
	09:30 – 09:50	Descriptor Feature Map for Classification - Jongchul Lee, Minsu Kim, Kanghyun Jo	Research Green Video: Energy-Saving Potentials in Streaming - Robert Seifert, Martin Leake, Gernot Goll, Stefan Ahsenauer, Stephan Bieg		
	09:50 – 10:10	Coffee Break (Golden Pavilion Room)			
		Session D4A-C (Golden Pavilion Room)	Session D4A-D (Sapphire Room)		
		CyberSciTech O (Session Chair: Xiaoyu Wan, Chongqing University of Posts and Telecommunications, China)	PICom E (Session Chair: Antonio Guerrieri, National Research Council of Italy, Italy)		
	10:10 – 10:30	A Two-Stage Deep Learning Recognition Model Based on Improved VQAE and Spatio-Temporal CNN-Transformer Network - Jiating Zhao, Qun A	Improving the Adaptability of eMCG-Based Gesture Recognition Using Variational Mode Decomposition and Transfer Learning - Hao Wu, Feng Wang, Jian Zhao, Seichi Kawata, Jian Zhao, Jinhui Shi, Chuanhui Chang		
	10:30 – 10:50	Detection of Smiling Behaviors Using Human Key Point and VQAE - Wokong Zhang, Antonio Louie P. De Camp, Rowell M. Hernandez	CPO-MD Method for Denoising eMCG signals - Jangyeon Lu, Jinhui Shi, Juan Zhao, Feng Wang, Seichi Kawata		
	10:50 – 11:10	Evolutionary AI: Lesion Segmentation Network for Primary Liver Cancer from 3D CCT Volumes - Shihan Huang, Jiaqi Luo, Xiaoyu Wan, Xie He	Enhanced Gesture Recognition via Interpretative Temporal Convolutional Networks Utilizing Spatio-Temporal eMCG Features - Xuzhou Ai, Jinhui Shi, Feng Wang, Seichi Kawata, Jian Zhao, Jinhui Shi, Chuanhui Chang		
	11:10 – 11:30	Efficient Feature Extraction Model for Surveillance Systems Using Drone Imagery - Jiahui Chen, Yuhao Chen, Kang-Hyun Jo	AFROTEC - Optimizing Federated Learning in Resource-Constrained Environments Through Data Sampling Techniques - Mayara Aguiar, Claudio Miceli de Faria, Fabia Coimbra Delato, Pedro Henrique Gonzalez		
	11:30 – 11:50	Bi-SIS: Self-Sovereign Identity Based on Blockchain - Yusuke Yasumura, Masakazu Fujii, Wataru Nakamura, Kenta Takahashi			
	11:50 – 12:20	Closing Ceremony (Golden Pavilion Room)			
	14:30 – 16:00	Conference Organizational Meeting			