

CyberSciTech/DASC/PICom/CBDCom 2024 Paper Presentation Timetable v1
Updated on 18/10/2024

		Parallel Sessions: Room A	Parallel Sessions: Room B	Parallel Sessions: Room C	Parallel Sessions: Room D
Day 2 (Wednesday, 1/6)		GAI-HyperI (4) #Contain 1P Online	HIEMI (2) + PICom-WIP (2)	DASC-Regular (4)	CyberSciTech-WIP-Online (4)
	10:40 – 11:00	Leveraging ECG Signal for People Identification under Different Emotion States - Zhiying Huang, Yuang Meng, Ao Guo, Walid Ibrahim, Jianhua Ma	Architecting a Privacy-Aware IoT-Enabled Platform for Bathing Monitoring in Beach Resorts: A Case Study - Giovanni Campo, Davide Carmelino, Mario Di Raimondo, Corrado Santoro, Federico Fausto Santoro	Wk-IoT: Registering and Evaluating the Security and Resilience of Internet of Things and Connected Devices Using a Collaborative Platform - Jean Decaux, Fehmi Jaafar	(Online) Representation Learning for Complex Networks - Shiyi Chen, Jun Hu
	11:00 – 11:20	Cybersecurity in Foreign Language Teaching Practices in the Age of AI: Case Studies of Chinese and Japanese Learners - Xiaolin Wu, Shuliang Zhu, Jinliu Zhao, Raymond Yao	A Comprehensive System for Indoor Assistance and User Interaction - Francesco Castruccio, Miriana Russo, Corrado Santoro, Federico Fausto Santoro, Alessio Tufesio	Cybersecurity Datasets: A Design Pattern for Creating Zero Trust Architectures through Microsegmentation - Claudio Zanasi, Mirco Marchetti, Michele Colagè	(Online) Intelligent Task Offloading in IoT-Driven Digital Twin Systems via Hybrid Federated and Reinforcement Learning - Shivam Goyal, Sudhakar Kumar, Sunil K. Singh, Bi. Gupta, Varsha Arya, Kevck Tai Chai
	11:20 – 11:40	(Online) Sequence-Integrated Radiology Report Generation Leveraging Positional Encoding for Text and Images - Yufei Pan, Kai Li, Han Shao, Jinghao Wu, Fehmi Jaafar, Junyi Xie, Guorun Sun	Estimating Performance of Application Deployment on Distributed IoT-Edge-Cloud Infrastructures - Fabrizio Marozzo, Alessandro Presti, Rosa Vercellotti, Andrea Vio	Dynamic Allocation of Data Security in Wireless Sensor Networks Mohammed Zamshef Ali	(Online) Advanced Evaluation of Propagation Models and Routing Protocols in Vehicular Ad-Hoc Networks - Anmol Jaiswal, Sunil K. Singh, Sudhakar Kumar, Kevck Tai Chai, Bi. Gupta
	11:40 – 12:00	(Online) A PSO-CNN-BLSTM model for predicting Leaf Area Index - Wang Dong, Zhou Guoyuan, Jinghui Xu, Joao Eduardo Batista, Guo Jia, Hitoshi Ika	Graph Attention Network with LSTM for Smart Contract Vulnerability Detection - Kyungjin Jang, Hyunah Ra, Nabeon Jang	Benchmarking Deep Learning Algorithms for Intrusion Detection IoT Networks - Enzo Hourmady, Fehmi Jaafar	(Online) SA-PSO Approach for Optimizing QoS Management in SDN Service Chains - Wen Ji, Chenhan Lin, Jiang Liu, Hongyang Xu, Liangjie Xu, Jun Hu
	Lunch				
		CyberSciTech-Regular (5) Track 2 x 4p, Track 1 x 1p	PICom-Regular (4) + PICom-WIP (1)	EDCSTA (5) #Contain 2P Online	CyberSciTech-Regular-Online (5) Track 1
	13:30 – 13:50	A Study on Adaptive Gradient Clipping Algorithms for Differential Privacy: Enhancing Cyber Security and Trust - Silhan Chen, Wei Liang	A Study on Consumer-Grade EEG Headsets in BCI Applications - Luigi Rizzo, Paolo Zicari, Franco Cicirelli, Antonio Guerrieri, Massimo Miceli, Andrea Vinci	Crew Management Support Application for Operation Managers and Boosting System Security - Toshihiro Uchiyabashi, Chinasa Sureyohi, Yoshihiro Yasuoka, Hideyuki Satomura, Kentaro Ikenaga	(Online) Attack Path Extraction Based on VGAE and DBSCAN - Zi Ang Lu, Lu Chen, Yong Li, Guang Xin Guo, Teng Yan Wang
	13:50 – 14:10	Adversarial Evaluation of AI-Based Security Alert Screening Systems - Samuel Ndichu, Tao Ban, Takeshi Takahashi, Akira Yamada, Seichi Ozawa, Daisuke Inoue	Comprehensive Analysis of Dog Emotions Using Skeletal and Visual Features - Chuan-Yu Chang, Jia-Yee Chia, Hui-Huang Hsu	Hybrid IoT Programming with Data Flow Diagrams and Mubuy - Kazuaki Tanaka, Sota Ogura, Krishnamoorthy R	(Online) Review of Collaborative Inference in Edge Intelligence: Emphasis on DNN Partition - Ning Liu, Fei Dai, Xinzhuo Chai, Guoxi Liu, Xiangyu Wu, Bi Huang
	14:10 – 14:30	Privacy-Preserving Parameter Aggregation Scheme Based on Two Leaders for Federated Learning - Weiyou Wang, Zhuodao Lian, Tianhui Li, Kaoush Sakurai, Chunhua Su	Seismocardiography-Inspired Heart Activity Monitoring Using FMCW Radar - Walid Ibrahim, Jianhua Ma, Muhan Ma, Yunlong Luo, Alet Q, Yitong Qi	VR-MIL: A Virtual Reality Trainer for Industrial Floor Mill - Lawrence Earl Romagosa, Ellen Tabuada, Stephanie Visitation, Earl Ryan Avelay, Stephen Hahn, Francis Jann Alagao, Steve Clair, Arnel Zamayla, Cherry Mae O Vilante	(Online) SarBFT: Scalable Text Communication Pattern BFT Protocol - Jiamin Yang, Xiaodong Wang, Hu Lin
	14:30 – 14:50	Internet Security and Privacy Awareness Among College Students in the Philippines - Jim Alves-Foss, Baby Grace Liego	Subject-General and Subject-Specific Emotion Recognition Across Video Stimuli Using EEG Signals - Zhiying Huang, Ao Guo, Jianhua Ma	(Online) Congestion Prediction by Multimodal Learning of Audiovisual Data - Iori Ide, Yoko Toyosaka, Kai Cheng, Katsuke Abe	(Online) Lightweight IoT-Oriented Verifiable Computing Scheme in Cloud Computing Circumstance - Xintao Pei, Yuling Chen, Yun Luo, Zaidong Li, Jiangli Wei
	14:50 – 15:10	Fuzzy Logic-Based Deep Reinforcement Learning Pre-Training: A Case Study in MEC Task Offloading - Juji Zhang, Yanglei Lin, Zhaoyang Di, Wugeduo Bao	Multimodal Sequential Deep Learning for Agitation Detection in People Living with Dementia - Shehzor S. Khan, Grant Liu, Bing Ye, Kristine Newman, Alex Mihalakis, Andrea Iaconi	(Online) Investigating the Impact of COVID-19 Pandemic on Education by Learning Analytics - Katsuke Abe, Kai Cheng	(Online) Optimized Block-K Clustering IoT Clustering and Blockchain Sharding Strategy Using Deep Reinforcement Learning - Tianci Chen, Lin Hu, Lihua Wu, Xiaodong Wang
	Coffee Break				
		CyberSciTech-Regular (3) Track5 x 3p + CyberSciTech-Regular-Online (2) Track 6 x 2p	PICom-WIP (5)	EDCSTA (2) + ADSN (3)	CyberSciTech-Regular-Online (5) Track 2
	15:30 – 15:50	Detecting Characteristic Points in Breathing Cycles using FMCW Radar with Sprometer as Reference - Haotian Wang, Walid Ibrahim, Jianhua Ma, Muhan Ma, Alex Qi	Migrating WSN Applications from Monolithic to a Modular Approach based on the TinyOSM Middleware: Scenarios and Analysis - Jalal Maj, Krzysztof Piotrowski, Przemyslaw Zebny	Smart Parking: Detecting Vacant Spots from an Angled Viewpoint - Jan Leven Sayson, Alta Valdehuzza, Mac Jian Maghanoor, Pety Riza Flores, Stephen Hahn, Francis Jann Alagao, Stephanie Visitation, Cherry Mae Vilante, Steve Clair, Arnel Zamayla, Earl Ryan Avelay	(Online) Network Intrusion Detection Algorithm based on LightGBM Model and Improved Particle Swarm Optimization - Yican Geng, Jiaoyang Hu, Zhaoxuan Ge, Zhihao Lian
	15:50 – 16:10	Autonomous Decision-Making in Roundabouts Using Deep Reinforcement Learning and Heuristics Rules - Haikuo Zhang, Weizhen Han, Haiyang Shi, Haiyang Feng, Jin Hu	A Computer Vision Algorithm for Path Planning in Mobile Robots - Federico Fausto Santoro, Corrado Santoro, Miriana Russo, Claudio Ruggieri	Message Routing Protocol for DTN based on Road Network Density - Kazuma Matsubara, Naohiro Hayashibara	(Online) Improving Example Quality in Black Box Hard Label Text Adversarial Attacks - Danyu Xu, Pengchuan Wang, Qianmu Li
	16:10 – 16:30	Fake News Detection based on Contrast Learning and Cascading Attention - Fu Li, Hu Zhang, Zhihao Lian, Shujuan Wang	Exploiting Spatial Information for sEMG-Based Gesture Recognition Using Graph Attention Networks - Tong Xia, Feng Wang, Seichi Kawata, Juan Zhao, Jinhua She, Daisuke Chugo	Early Detection of User Dynamics Overheating Through Frequency Analysis of Time-Series Data - Masaki Aida, Kazuki Nakajima, Chisa Takano	(Online) Model Uncertainty Based Unsupervised Real-Time Drift Detection in Network Traffic Classification - Minyao Liu, Pan Wang, Yingchun Ye, Xuejiao Chen
	16:30 – 16:50	(Online) Improved YOLOv5 for Pavement Patch Detection using Deformable Convolution and Bidirectional Feature Pyramid Network	Reducing the Influence of Individual Variability in sEMG-Based Fatigue Detection Using Transfer Learning - Renwei Lin, Feng Wang, Seichi Kawata, Juan Zhao, Jinhua She, Daisuke Chugo	Introducing Timer-driven Rescheduling Scheme to Segmented File Download Methods Using Parallel TCP/MPTCP Connections on Multiple PEs - Yongqi Gu	(Online) Private Comparison Based on Digital Decomposition for IoT Cloud Environments - Zaidong Li, Yuling Chen, Yun Luo, Xintao Pei, Yitong Qi
	16:50 – 17:10	(Online) Millimeter-Wave Human Image Dangerous Object Detection based on Faster R-CNN - Bo He, Yang Gao, Jing Cao, Wenling Cai, Xin Ma, Xiaoyu Zhao, Zhihao Lian	Projected Quantum Kernel for IoT Data Analysis - Francesco D'Amore, Luca Mariani, Carlo Mastroianni, Jacopo Settini, Andrea Vio	Bertrand's Paradox in Vertical Handover: A Probabilistic Analysis - Kenta Fukushima, Sumiko Miyata, Masaki Aida	(Online) Range Profiling-Based Noise Filtering Mechanism for IoT Differential Privacy - Jiang Wei, Yuling Chen, Yun Luo, Zaidong Li
Day 3 (Thursday, 1/7)		CyberSciTech-Regular (5) Track 3	CyberSciTech-Regular (5) Track 4 x 4p, Track 1 x 1p	CyberSciTech-Regular-Online (5) Track 5	CyberSciTech-Regular-Online (5) Track 3 x 4p, Track 5 x 1p
	10:20 – 10:40	Leveraging Digital Twins and Generative AI for Effective Urban Mobility Management - Marzia Canzanelli, Sara Ambrano, Edoardo Prestoso, Fabio Giamaglio, Salvatore Cuomo, Francesco Piccoli	GDPP: A Crowdsensing Task Allocation Method Based on Diverse Participant Preferences - Jiaojiao Xu, Zhiwen Yu, Zhaoxiang Wang, Lefei Zhao, Ziyue Yu, Bin Guo	(Online) Research on Virtual Resource Scheduling Algorithm Based on Multi-Objective Optimization - Cheng Zhou, Xiaoguan Chen, Guan Wang, Wen Ji, Chenhan Lin	(Online) Short-term Solar Irradiance Forecasting based on CNN-Transformer Model - Chuan Wang, Hua Wang, Jian Bi, Ke Yan
	10:40 – 11:00	Evaluation Guidance System Using UAVs of Multiple Types at Disaster - Kobazuro Iwaki, Noriaki Kamiyama	Money Adjustment Among ISPs based on Cooperative Games for ICN Promotion - Masaki Ito, Noraki Kamiyama	(Online) Model Extraction Attacks on Text-to-Image Generative Adversarial Networks - Ying Chen, Weihao Guo, Pingyuan Ge, Xiaojia Ma, Zhang Yu Qiang	(Online) Addressee Selection for Multi-Party Conversations in Cyber-Physical-Social Systems - Xiaoming He, Yunzhe Jiang, Huijun Cui, Yinqiu Liu
	11:00 – 11:20	(Online) Efficient Reliable Data Storage Service in Heterogeneous Cloudsensing - Zhaoxing Huang, Zhiwen Yu, Zhihe Huang, Erhe Yang, Jiaojiao Xu, Bin Guo	Assessing ChatGPT-Generated Comments for Video Content Viewing in Online Learning - Jiaqi Wang, Jian Chen, Qun Jin	(Online) Voltage Prediction of Electric Vehicle Based on Attention Mechanism CNN-GRU Model - Haiyang Feng, Weizhen Han, Hakuo Zhang	(Online) Unsupervised Anomaly Behavior Detection in Power Information Network Based on Discriminative Semantic Transformation Sequences - Hao Yu, Wei Sun, Jian Liu, Peng Gao
	11:20 – 11:40	Automated Deblurring by Fusing Multi-Stage Image Features - Shihua Zhang, Fan He, Xao Shao	Bandwidth-Adaptive Semantic Communication System with Non-RD Image Compression - Chao Wu, Celimuge Wu, Jiale Wu, Yanglei Lin, Zhaoyang Di, He Si, Wugeduo Bao	(Online) Improving the Visual Quality of Adversarial Examples for Face Recognition Models - Yinhao Zhang, Qianmu Li, Fan Liu	(Online) IoT Intrusion Detection Using SDN Cloud Channel Identification and Ensemble Deep Learning - Yuhua Xu, Yan Li, Sun Zhihui
	11:40 – 12:00	An Automated Memory Image Forensic Scheme for Linux Systems Based on Containerization Technology - Ruihao Chen, Hui Lin, Qingxin Lin, Hui Ju	Traffic Prediction by Integrating Multi-Cycle Features and Spatio-Temporal Correlations - Lugang Nie, Benxiong Huang, Lai Tu	(Online) Stealthy Adversarial Patch for Evading Object Detectors Based on Sensitivity Maps - Ge Wang, Qianmu Li	(Online) Pavement Crack Detection Based on Channel Attention Mechanism - Guoxi Liu, Bi Huang, Ning Liu, Xiangyu Wu, Li Yang, Fei Dai
	Lunch				
		CyberSciTech-Regular (5)	PICom-Regular (3) + PICom-WIP-Online (3)	DASC-Regular (4) + DASC-WIP (1)	CyberSciTech-Regular-Online (5) Track 4 x 4p, Track 2 x 1p
	13:30 – 13:50	Integrated Evaluation System for Intelligent Model - Xizhi Yang, Zhihao Lian	Traffic Classification for Network Slicing Using Machine Learning Techniques - Giselle Guez, Claudio Miceli de Farias, Flavia Coimbra Delicato	Maximum Likelihood Prediction in Software Reliability Assessment - Tadashi Dohi	(Online) A Graph Neural Network with Instance-Aware Mechanism for Enhanced Fraud Detection - Yuhao Chen, Binxin Zhou, Zengzeng Zheng, Jianhua Ma
	13:50 – 14:10	Deep Knowledge Tracking Model Integrating Multiple Feature Personalization Factors - Yukun Wang, Xingxian Xu, Fanjun Meng	EDIC: Distributed Code Generation and Execution - Kunai Ras, Giuseppe Coviello, Srirat Chakraborty	A Novel Framework of Constructing on Water Pipeline Networks by Node Embedding Approach - Alvida Mustika Rukmi, Ary Machmudin Shiddiq, Ahmad Saibui and Muhammad Jufri Fransiska	(Online) Chinese Named Entity Recognition in Industry Domain based on Lexical Enhancement - Jingxin Chen, Cuihan Li, Caiyun Liu, Zhenhui He, Jiaodong Ren, Zhang Yu Qiang
	14:10 – 14:30	Analysis of Business Model of Co-Creation Digital Twin City Using Evolutionary Game - Kaiko Kondo, Noriaki Kamiyama	Enhancing Robotic Systems Through a Distributed Multi-Agent Digital Twin Environment - Federico Fausto Santoro, Corrado Santoro, Miriana Russo, Giovanni Campo	A Persuasive, Efficient and Future-Proof: Realizing Privacy-Preserving Machine Learning Through Hybrid Homomorphic Encryption - Khoi Nguyen, Mindugas Budagys, Eugene Frimpong, Tameer Khan and Antoine Michélas	(Online) STFormer: Spatio-Temporal Transformer Network for Traffic Flow Prediction - Lecheng Li, Xinzhuo Chai, Fei Dai, Shuai Wang, Yuyao Dong, Bi Huang
	14:30 – 14:50	FaceGuard: Enhancing Data Privacy through Selective Facial Anonymization in Public Events - Chales Vorakulppatt, Apisat Chanawattubul, Sathaepong Jeungdomporn, Chanchai Techawatcharapakul, Wachirapong Jirakijpuwapatt	(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 - Seyyed Leili Miraftehi and Andrea Pugliese	(Online) Deadlock Analysis of Microservice Systems with Bounded Buffers - Li Yang, Bi Huang, Xinzhuo Chai, Guoxi Liu, Xiangyu Wu, Fei Dai
	14:50 – 15:10	Efficient Feature Extraction Model for Surveillance Systems Using Drone Imagery - Jehwan Choi, Youkyeong Lee, Kang-Hyun Jo	(Online) Human-Centric Based Energy and Comfort Optimization in Cognitive Buildings: A Review - Ifanullah Khan, Antonio Guerrieri, Franco Cicirelli, A. Stephen McLaughlin, Giandomenico Spazzano	Towards cryptographic agility manifesto in end-to-end encryption systems: a position paper from the perspective of crypto-consumers - Alexander Silonov and Lawrence Hersey	(Online) A Privacy Preserving Across-Institution Archives Utilization Framework and Implementation - Weiwei Chen, Jinquan Zuo, Shuai Su, Qi Chen
	Coffee Break				
		IoT-Life (6) #Contain 2P Online	PICom-Regular-Online (3) + PICom-WIP-Online (3)	Cyber-IoT (3) + BigCyberSecurity (3) #Contain 3P Online	CyberSciTech-Regular-Online (2) Track 1 + CyberSciTech-WIP-Online (2) + CBDCom-Online (1)
	15:30 – 15:50	Analyzing the Impact of Effect Sounds on Real-World Human Emotions and Behaviors by Adding Effect Sounds to Human Actions - Iin Tong	(Online) Network-Based Analysis of Alzheimer's Disease Using ADNI-Derived Synthetic Connectomes - Carmela Comito, Annalisa Scordino	Delay-Tolerant Computation Offloading in Vehicular Networks Based on Local Blockchain - Xin Liu, Rui Wang, Rui Xing, Donglan Liu, Fangting Zhang, Li Sun	(Online) Node-Dependent Centrality Based Defense Strategy Against Topology Inference Threat: A State Game Theoretical Perspective - Wenlei Zhang, Yu Jiang, Qinglu Yang, Chenxi Zhuangyun, Yantao Sun, Shen Si, Zhiyang Tan, Yuxin Li
	15:50 – 16:10	Impacts of Internet of Things (IoT) Leveraging Radio Frequency Identification (RFID) and Internet Protocol (IP) on Business Continuity (BC) and Disaster Recovery (DR) - Nihali Kumar Agarwal, Gurkiran Singh Batra, Dhruvik Mukeshbhai Patel, Eslam G. AbdAlhali	(Online) Design and Implementation of a Flexible Mobile Edge Middleware for Multi-Protocol Wireless Connectivity - Tatiana Reimer, Luis Eduardo Talavera Rios, Milena Cavalcanti, Laercio Lucchesi, Markus Endler	(Online) Integrated Sensing and Communication for UAV Detection: A Reinforcement Learning-based - Yu Su	(Online) An Approach to Detecting Reentrancy Vulnerabilities in Interacting Smart Contracts Using Model Checking - Xinzhuo Chai, Bi Huang, Ning Liu, Guoxi Liu, Xiangyu Wu, Fei Dai
	16:10 – 16:30	A New Smart Glasses based Dual Authentication System via Signature Image Recognition Handwriting Behaviors Identification - Xiangyu Su, Siyu Xiong, Bo Wu	(Online) A Deep Learning Based Digital Twin for Indoor Temperature Prediction in Smart Buildings - Md. Babul Islam, Antonio Guerrieri, Raffaele Gravina, Giancarlo Fortino	Xueyang Huo, Zhou Su, Yuntao Wang	(Online) Enhancing Adversarial Path Effectiveness for Face Recognition Systems Using Sharpness-Aware Minimization - Wu Chenyu, Zhang Ting, Zhihao Lian
	16:30 – 16:50	Investigating Decentralized Management of Wearable Device Data for Health and Fitness - Tao Zhao, Tianle Hu, Hong Chen	(Online) Anomaly Identification and Classification of Network Traffic Using Optimized Machine Learning Approach - Jeevanthar Eswararajendran, Priyanka Singh	Age of Information Dependent Grant-Free Communication - Yuanchen Wang, Kai Zhang, Yilang Lu, Weilin Song, Jian Tang	(Online) Improved Multi-Objective Simulated Annealing Particle Swarm Algorithms for Sizing and Capacity Sizing of Distributed Power Supplies - Hou Tao Sun, Chuanwen Wen, Chunhui Shi, Fei Liu, Qiangsheng Pu, Pengpeng Li
	16:50 – 17:10	(Online) Analyzing Eye-Movements of Drivers with Varying Levels of Experience During U-Turn Segment - Haoguo Wang, Luyang Wang, Yuhui Zhu, Jun Wang, Bo Wu	(Online) Identifying Emerging Research Topics in Computer Science Using Overlapping Community Detection on Graph Neural Network Predicted Graphs - Constantinos Djouvas, Christos Christodoulou, Antonios Charalampous, Nicolas Tsaproullas	Duplicate Data Elimination Optimization Strategy Based on Edge Service Management - yongjin gu, Xiaodong Xu, Liangyong Qi, Wanchun Du, Jiong Yu, Ziyang Li	(Online) NCAA Bracket Prediction Using Machine Learning and Combinatorial Fusion Analysis - Yuanhong Wu, Frank Hu, Isahak Smith, Tushar Marwah, Michael Schroeder, Mohamed Rahoui
	17:10 – 17:30	(Online) Analyzing the Imitation behaviors of Corolla Chest Beating Based on Human Pose Estimation - Yu Qi, Bo Wu, Chongyang Zhang, Siyu Xiong	(Online) A Domain Model for Urban Digital Twins - Stephan Haller	(Online) Fine-Grained Access Control for Lightweight Data Sharing of UAVs - Haqin Yang, Qichao Xu	
Day 4 (Friday, 1/8)		CyberSciTech-WIP (4)	CyberSciTech-WIP (3) + CBDCom (1)		
	08:30 – 08:50	DMCGF: Dehazing Neural Network Design for Edge-AI Implementation - Kuo Yi Chang, Kun Lin Li, Ming-Hwa Shyu, Szu-Hong Wang	Checking the Neural Networks' Subtilizing Ability and Proposing Three Challenges for Human-like Subtilizing - Seongsim Kim, Kang-Hyun Jo		
	08:50 – 09:10	DORAC: Dynamic-Objects Removal And Clustering For Object Detection - Kwahno Kim, Dokyung Kim, Kanghyun Jo	3-DoF Pose Estimation of Vehicles on the Road - Jaehyeon Sung, Kanghyun Jo		
	09:10 – 09:30	Low-Frequency Interference for Performance Boosting of Image Classification - Minseung Kim, Jonghae Lee, Kang-Hyun Jo	Cross-Layer Performance Analysis of Delay-Doppler Domain Multi-Carrier Modulation for Vehicular Networks - Ganggali Wang, Celimuge Wu, Yanglei Lin, Zhaoyang Di, Wugeduo Bao, He Si		
	09:30 – 09:50	Descriptor Feature Map for Classification - Jonghae Lee, Minseung Kim, Kanghyun Jo	Towards Green Video: Energy-Saving Potentials in Streaming - Robert Seeliger, Martin Lasak, Gökrem Güdücü, Stefan Artanowski, Stephen Stieglitz		
	Coffee Break				
		CyberSciTech-Regular (5) Track 6	PICom-Regular (4)		
	10:10 – 10:30	A Two-Stage Depression Recognition Model Based on Improved YOLOv5 and Spatial-Temporal CNN-Transformer Network - Jianing Zhao, Qun Jin	Improving the Adaptability of sEMG-Based Gesture Recognition Using Variational Modal Decomposition and Transfer Learning - Hao Wu, Feng Wang, Juan Zhao, Seichi Kawata, Jinhua She		
	10:30 – 10:50	Detection of Smoking Behaviors Using Human Key Point and YOLOv5 - WoeXiong Zhang, Anton Louise P. De Ocampo, Rowell M. Hernandez	CPO-VMD Method for Denoising sEMG signals - Jingyuen Liu, Jinhua She, Juan Zhao, Feng Wang, Seichi Kawata		
	10:50 – 11:10	EvotResNet: A Lesion Segmentation Network for Primary Liver Cancer from 3D CECT Volume - Shion Huang, Jiawei Luo, Xiaoyu Wu, Xui Nie	Enhanced Detection of Intrusion Using Interpretable Temporal Convolutional Networks Utilizing Spatio-Temporal sEMG Features - Xiaohu Xu, Jinhua She, Feng Wang, Seichi Kawata, Eduardo Fumihito Fukushima, Jinseok Woo		
	11:10 – 11:30	uSkin Pillow: tactile-Sensor-Based Non-Invasive Approach to Sleep Analysis - Riya Mahajan, Yegang Diu, Alexander Schmitz, Gabriele Trovato, Yasuyuki Takai, Shigehi Saito	AFRODITE - Optimizing Federated Learning in Resource-Constrained Environments Through Data Sampling Techniques - Mayara Aragão, Claudio Miceli de Farias, Flavia Coimbra Delicato, Pedro Henrique Gonzalez		
	11:30 – 11:50	Bio-SSL: Self-Sovereign Identity Bound to Biometrics - Yoshiko Yasumura, Masakazu Fujio, Wataru Nakamura, Kentia Takahashi			