

Day 1-Oct, 4, 2023		
8:45 – 9:00 Registrations 9:00 – 9:30 Opening Session 9:30 – 10:30 Keynote Speech Prof. Christos Masouros, University College London Title: Collaboration of Functions in Wireless Networks: Communication meets Sensing		ROOM A ID: 853 6909 1927 Password: 144755
10:30 – 11:00 Coffee Break		
ROOM A ID: 853 6909 1927 Password: 144755	ROOM B ID: 867 9345 9902 Password: 410165	
Session1 (Onsite Session Day 1) 11:00-12:40 Session chair: Dimitrios Ringas Enhanced Sound Recognition and Classification through Spectrogram Analysis, MEMS Sensors, and PyTorch: A Comprehensive Approach On the Performance of Federated Learning Network TCP Cubic Implementation in the OMNeT++ INET Framework for SLoT Simulation Scenarios FederatedMesh: Collaborative Federated Learning for Medical Data Sharing in Mesh Networks Reasoning of Social Network Community Graphs: The case of Twitter	Session2 (Edge Computing & Collaborative working) 11:00-12:40 Session chair: Yan Sun DQN-based Applications Offloading with Multiple Interdependent Tasks in Mobile Edge Computing Edge Server Deployment Approach Based on Uniformity and Centrality Budget-constrained Contention-aware Workflow Scheduling in a Hybrid Cloud A Dichotomous Repair-based Load-Balanced Task Allocation Strategy in Cloud-Edge Environment DPIM: Dynamic Pricing Incentive Mechanism for Mobile Crowd Sensing	
12:40 – 14:00 Lunch Break		
Session3 (Blockchain applications) 14:00-15:40 Session chair: Qionghuizi Ran Efficient and revocable anonymous account guarantee system based on blockchain	Session4 (Code Search and Completion) 14:00-15:40 Session chair: Zhihao Pan JARAD: An Approach for Java API Mention Recognition and Disambiguation in Stack Overflow	

Computing Resource Allocation for Hybrid Applications of Blockchain and Mobile Edge Computing Blockchain-Based EMR Enhancement: Introducing PMI-Chain for Improved Medical Data Security and Privacy BGET: A Blockchain-based Grouping-EigenTrust Reputation Management Approach for P2P Networks Privacy-Preserving Blockchain Supervision with Responsibility Tracking	Enrich Code Search Query Semantics With Raw Descriptions A code completion approach combining pointer network and Transformer-XL network A code search method incorporating code Annotations CUTE A Collaborative Fusion Representation-based Fine-tuning and Retrieval Framework for Code Search
15:40 – 16:00 Coffee Break	
Session3 (Edge Computing Scheduling and Offloading) 16:00-17:20 Session chair: Zhongzhi Zhu Roadside IRS Assisted Task Offloading in Vehicular Edge Computing Network Collaborative Task Processing and Resource Allocation Based on Multiple MEC Servers Collaborative Cloud-Edge Computing with Mixed Wireless and Wired Backhaul Links: Joint Task Offloading and Resource Allocation Dynamic offloading based on meta deep reinforcement learning and load prediction in smart home edge computing	Session6 (Deep Learning and Applications) 16:00-17:20 Session chair: Dubin Feng Task Offloading in UAV-to-Cell MEC Networks: Cell Clustering and Path Planning LAMB: Label-induced Mixed-level Blending for Multimodal Multi-label Emotion Detection MSAM: Deep Semantic Interaction Network for Visual Question Answering Defeating the non-stationary opponent using deep reinforcement learning and opponent modeling
19:00 - ... Welcome Reception – Boat Cruise - Corfu Pirate Ship Black Rose <i>(Bus transfer will be arranged from the conference's venue 30' before the event – onsite arrangements)</i>	

Day 2-Oct, 5, 2023	
9:00 – 10:00 Keynote Speech Prof. Michael Hübner, Brandenburgische Technische Universität (BTU) Title: The Power of Connected Working for Embedded System Design: Exploring Collaboration and Innovation	ROOM A ID: 853 6909 1927 Password: 144755
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10:00 – 10:30 Coffee Break	
Session7 (Onsite Session Day 2) 10:30-12:30 Session chair: Eleni Christopoulou Multi-agent Reinforcement Learning based Collaborative Multi-task Scheduling for Vehicular Edge Computing Artificial neural network approach for estimating operating parameters for predictive maintenance of hydraulic circuit A Comparative Study on the Trustworthiness and Continuity of Dimensionality Reduction Algorithms: A Case Study of t-SNE and SDD on LFB Data A Novel Topology Metric for Indoor Point Cloud SLAM Based on Plane Detection Optimization Resource Cooperative Scheduling Optimization Considering Security in Edge Mobile Networks Implementation Framework of a Blockchain Based Infrastructure for Electricity Trading within a Microgrid	Session8 (Security and Privacy Protection) 10:30-12:10 Session chair: Yaping Wan Protect applications and data in use in IoT environment using collaborative computing Robustness-enhanced assertion generation method based on code mutation and attack defense. Secure Traffic Data Sharing in UAV-Assisted VANETs A Lightweight PUF-Based Group Authentication Scheme for Privacy-Preserving Metering Data Collection in Smart Grid A Semi-Supervised Learning Method for Malware Traffic Classification with Raw Bitmaps
12:30 – 14:00 Lunch Break	
Session9 (Processing and Recognition) 14:00-15:40 Session chair: Fang Zhao	Session10 (Deep Learning and Applications) 14:00-15:40 Session chair: Hao Li

SimBPG: A comprehensive similarity evaluation metric for business process graphs Probabilistic Inference Based Incremental Graph Index for Similarity Search on Social Networks Cloud-Edge-Device Collaborative Image Retrieval and Recognition for Mobile Web Contrastive Learning-based Finger-Vein Recognition with Automatic Adversarial Augmentation Multi-Dimensional Sequential Contrastive Learning for QoS Prediction	A Multi-agent Deep Reinforcement Learning-based Approach to Mobility-aware Caching D-AE: A Discriminant Encode-Decode Nets For Data Generation ECCRG: A Emotion- and Content-controllable Response Generation Model Origin-Destination Convolution Recurrent Network: A Novel OD Matrix Prediction Framework MD-TransUNet:TransUNet with Multi-Attention and Dilated Convolution for Brain Stroke Lesion Segmentation
15:40 – 16:00 Coffee Break	
Session11 (Graph Computing) 16:00-17:40 Session chair: Xinxin Yu DGFormer: An Effective Dynamic Graph Transformer based Anomaly Detection Model for IoT Time Series STAPointGNN: Spatial-Temporal Attention Graph Neural Network for Gesture Recognition Using Millimeter-Wave Radar NPGraph: An Efficient Graph Computing Model in NUMA-Based Persistent Memory Systems tHR-Net: A Hybrid Reasoning Framework for Temporal Knowledge Graph Improving Code Representation Learning via Multi-view Contrastive Graph Pooling for Abstract Syntax Tree	Session12 (Federated learning and application) 16:00-17:40 Session chair: Yizuo Duan FedECCR: Federated Learning Method with Encoding Comparison and Classification Rectification CSA_FedVeh: Cluster-based Semi-Asynchronous Federated Learning framework for Internet of Vehicles Efficiently Detecting Anomalies in IoT: A Novel Multi-Task Federated Learning Method A Novel Deep Federated Learning-based and Profit-Driven Service Caching Method A Multi-Behavior Recommendation Algorithm Based on Personalized Federated Learning
20:00 - ... Gala Dinner - Sailing's club restaurant <i>(Bus transfer will be arranged from the conference's venue 30' before the event</i>	

Day 3-Oct, 6, 2023	
ROOM A ID: 853 6909 1927 Password: 144755	ROOM B ID: 867 9345 9902 Password: 410165
Session13 (Collaborative working) 09:00-10:40 Session chair: Xin Chen Enhance broadcasting throughput by associating network coding with UAVs relays deployment in emergency communications Dynamic Target User Selection Model For Market Promotion with Multiple Stakeholders Collaborative Decision-making Processes Analysis of Service Ecosystem: A Case Study of Academic Ecosystem Involution Operationalizing the Use of Sensor Data in Mobile Crowd sensing: A Systematic Review and Practical Guidelines Enriching Process Models with Relevant Process Details for Flexible Human-Robot Teaming	Session14 (Edge Computing) 09:00-10:40 Session chair: Wangyang Jiang Joint Optimization of PAoI and Queue Backlog with Energy Constraints in LoRa Gateway Systems Enhancing Session-based Recommendation with Multi-granularity User Interest-aware Graph Neural Networks Delay-constrained Multicast Throughput Maximization in MEC Networks for High-Speed Railways An Evolving Transformer Network based on Hybrid Dilated Convolution for Traffic Flow Prediction
Session15 (Security and Privacy Protection) 11:00-12:20 Session chair: Si Yu Secure and Private Approximated Coded Distributed Computing Using Elliptic Curve Cryptography A Novel Semi-supervised IoT Time Series Anomaly Detection Model using Graph Structure Learning Structural Adversarial Attack for Code Representation Models	Session16 (Prediction, Optimization and Applications) 11:00-12:20 Session chair: Jie Shao DualDNSMiner: A Dual-stack Resolver Discovery Method Based on Alias Resolution DT-MUSA: Dual Transfer Driven Multi-Source Domain Adaptation for WEEE Reverse Logistics Return Prediction Graph Convolutional Neural Network based Emotion Recognition with Brain Functional Connectivity Network

An Efficient Authentication and Key Agreement
Scheme for CAV Internal Applications

A Synchronous Parallel Method with Parameters
Communication Prediction for Distributed
Machine Learning