

<b>Day 1-Oct, 4, 2023</b>	
9:30– 10:00 Registrations 10:00 – 10:30 Opening Session	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
<b>Session1 (Onsite Session Day 1)</b> <b>11:00-12:40</b> <b>Session chair: Dimitrios Ringas</b>  Enhanced Sound Recognition and Classification through Spectrogram Analysis, MEMS Sensors, and PyTorch: A Comprehensive Approach  TCP Cubic Implementation in the OMNeT++ INET Framework for Slot Simulation Scenarios  Reasoning of Social Network Community Graphs: The case of Twitter  Implementation Framework of a Blockchain Based Infrastructure for Electricity Trading within a Microgrid  Resource Cooperative Scheduling Optimization Considering Security in Edge Mobile Networks	<b>Session2 (Edge Computing &amp; Collaborative working)</b> <b>11:00-12:40</b> <b>Session chair: Yan Sun</b>  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	
<b>Session3 (Blockchain applications)</b> <b>14:00-15:40</b> <b>Session chair: Qionghuizi Ran</b>  Efficient and revocable anonymous account guarantee system based on blockchain  Computing Resource Allocation for Hybrid Applications of Blockchain and Mobile Edge Computing	<b>Session4 (Code Search and Completion)</b> <b>14:00-15:40</b> <b>Session chair: Zhihao Pan</b>  JARAD: An Approach for Java API Mention Recognition and Disambiguation in Stack Overflow  Enrich Code Search Query Semantics With Raw Descriptions

<p>Blockchain-Based EMR Enhancement: Introducing PMI-Chain for Improved Medical Data Security and Privacy</p> <p>BGET: A Blockchain-based Grouping-EigenTrust Reputation Management Approach for P2P Networks</p> <p>Privacy-Preserving Blockchain Supervision with Responsibility Tracking</p>	<p>A code completion approach combining pointer network and Transformer-XL network</p> <p>A code search method incorporating code Annotations</p> <p>CUTE A Collaborative Fusion Representation-based Fine-tuning and Retrieval Framework for Code Search</p>
<p>15:40 – 16:00 Coffee Break</p>	
<p><b>Session3 (Edge Computing Scheduling and Offloading )</b> <b>16:00-17:20</b> <b>Session chair: Zhongzhi Zhu</b></p> <p>Roadside IRS Assisted Task Offloading in Vehicular Edge Computing Network</p> <p>Collaborative Task Processing and Resource Allocation Based on Multiple MEC Servers</p> <p>Collaborative Cloud-Edge Computing with Mixed Wireless and Wired Backhaul Links: Joint Task Offloading and Resource Allocation</p> <p>Dynamic offloading based on meta deep reinforcement learning and load prediction in smart home edge computing</p>	<p><b>Session6 (Deep Learning and Applications)</b> <b>16:00-17:20</b> <b>Session chair: Dubin Feng</b></p> <p>Task Offloading in UAV-to-Cell MEC Networks: Cell Clustering and Path Planning</p> <p>LAMB: Label-induced Mixed-level Blending for Multimodal Multi-label Emotion Detection</p> <p>MSAM: Deep Semantic Interaction Network for Visual Question Answering</p> <p>Defeating the non-stationary opponent using deep reinforcement learning and opponent modeling</p>
<p><b>17:50 - ... Welcome Reception – Boat Cruise - Corfu Pirate Ship Black Rose</b> <i>(Bus transfer will be arranged from the conference's venue 30' before the event – onsite arrangements)</i></p>	

<b>Day 2-Oct, 5, 2023</b>	
ROOM A ID: 853 6909 1927 Password: 144755	ROOM B ID: 867 9345 9902 Password: 410165
<b>Session7 (Graph Computing )</b> <b>10:00-11:40</b> <b>Session chair: Xinxin Yu</b>  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	<b>Session8 (Security and Privacy Protection)</b> <b>10:00-11:40</b> <b>Session chair: Yaping Wan</b>  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
11:40 – 12:00 Coffee Break	
12:00 – 13:00 Keynote Speech Prof. Christos Masouros, University College London <b>Title:</b> Collaboration of Functions in Wireless Networks: Communication meets Sensing	ROOM A ID: 853 6909 1927 Password: 144755
13:00 – 14:00 Lunch Break	
<b>Session9 (Processing and Recognition)</b> <b>14:00-15:40</b> <b>Session chair: Fang Zhao</b>  SimBPG: A comprehensive similarity evaluation metric for business process graphs  Probabilistic Inference Based Incremental Graph	<b>Session10 (Deep Learning and Applications)</b> <b>14:00-15:40</b> <b>Session chair: Hao Li</b>  A Multi-agent Deep Reinforcement Learning-based Approach to Mobility-aware Caching

<p>Index for Similarity Search on Social Networks</p> <p>Cloud-Edge-Device Collaborative Image Retrieval and Recognition for Mobile Web</p> <p>Contrastive Learning-based Finger-Vein Recognition with Automatic Adversarial Augmentation</p> <p>Multi-Dimensional Sequential Contrastive Learning for QoS Prediction</p>	<p>D-AE: A Discriminant Encode-Decode Nets For Data Generation</p> <p>ECCRG: A Emotion- and Content-controllable Response Generation Model</p> <p>Origin-Destination Convolution Recurrent Network: A Novel OD Matrix Prediction Framework</p> <p>MD-TransUNet: TransUNet with Multi-Attention and Dilated Convolution for Brain Stroke Lesion Segmentation</p>
<p>15:40 – 16:00 Coffee Break</p>	
<p><b>Session11 (Onsite Session Day 2)</b> <b>16:30-17:40</b> <b>Session chair: Eleni Christopoulou</b></p> <p>Multi-agent Reinforcement Learning based Collaborative Multi-task Scheduling for Vehicular Edge Computing</p> <p>Artificial neural network approach for estimating operating parameters for predictive maintenance of hydraulic circuit</p> <p>A Comparative Study on the Trustworthiness and Continuity of Dimensionality Reduction Algorithms: A Case Study of t-SNE and SDD on LFB Data</p> <p>A Novel Topology Metric for Indoor Point Cloud SLAM Based on Plane Detection Optimization</p> <p>On the Performance of Federated Learning Network</p>	<p><b>Session12 (Federated learning and application)</b> <b>16:00-18:00</b> <b>Session chair: Yizuo Duan</b></p> <p>FedECCR: Federated Learning Method with Encoding Comparison and Classification Rectification</p> <p>CSA_FedVeh: Cluster-based Semi-Asynchronous Federated Learning framework for Internet of Vehicles</p> <p>Efficiently Detecting Anomalies in IoT: A Novel Multi-Task Federated Learning Method</p> <p>A Novel Deep Federated Learning-based and Profit-Driven Service Caching Method</p> <p>A Multi-Behavior Recommendation Algorithm Based on Personalized Federated Learning</p> <p>FederatedMesh: Collaborative Federated Learning for Medical Data Sharing in Mesh Networks</p>
<p><b>19:30 - ... Gala Dinner - Sailing's club restaurant</b> <i>(Bus transfer will be arranged from the conference's venue 30' before the event – onsite arrangements)</i></p>	

**Day 3-Oct, 6, 2023**

<p>ROOM A ID: 853 6909 1927 Password: 144755</p>	<p>ROOM B ID: 867 9345 9902 Password: 410165</p>
<p><b>Session13 (Collaborative working)</b> <b>09:00-10:40</b> <b>Session chair: Xin Chen</b> 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</p>	<p><b>Session14 (Edge Computing)</b> <b>09:00-10:40</b> <b>Session chair: Wangyang Jiang</b> 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</p>
<p><b>Session15 (Security and Privacy Protection)</b> <b>11:00-12:20</b> <b>Session chair: Si Yu</b> 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  An Efficient Authentication and Key Agreement Scheme for CAV Internal Applications</p>	<p><b>Session16 (Prediction, Optimization and Applications)</b> <b>11:00-12:20</b> <b>Session chair: Jie Shao</b> 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  A Synchronous Parallel Method with Parameters Communication Prediction for Distributed Machine Learning</p>

