

**15th EAI International Conference on Mobile Networks and Management
(MONAMI 2025) – 28-30 November 2025**

Agenda – Day 1 - November 28, 2025

08:00 AM – 05:00 PM

Registration

2:00 PM – 05:00 PM

Tour Chongqing and visit Chongqing Technology and Business University

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Agenda – Day 2 - November 29, 2025

08:00 AM – Registrations / Welcome

08:40 AM – 09:25 AM – Keynote (45 minutes)

Prof. Muhammad Tariq: Illuminating the Black Box: The New Era of Explainable AI in Critical Infrastructure

09:25 AM – 10:10 AM – Keynote (45 minutes)

Prof. Arun Kumar Sangaiah: Applications and Challenges of Artificial Intelligence with Edge Systems in Promoting the Sustainable Development Goals

10:10 AM – 10:40 AM – Coffee Break

10:40 AM – 11:55 AM – Paper Session 1

- Toward Dignity-Aware AI: Next-Generation Elderly Monitoring from Fall Detection to ADL
- A WSN Deployment Protocol Using Gaussian Chaos Cheetah Optimization
- SemBugger: Toward Multi-Target Backdoor Attacks on Semantic Communication
- Multi-view Attention-driven Text-to-Image Synthesis
- QoS-Aware Resource Allocation in Multi-beam Satellite Networks: An Adaptive Multi-Agent DRL Approach

12:00 PM – 01:30 PM – Lunch

01:30 PM – 03:15 PM – Paper Session 2

- GAT-based SLA-Aware Reinforcement Learning for Service Function Chain Placement
- A Computation Resource Allocation and Task Offloading Algorithm in VEC Networks Using DVFS
- Joint Spectrum and Power Allocation in Dynamic UAV Ad-hoc Networks: A Counterfactual Multi-Agent Reinforcement Learning Approach
- UterUS-CLIP: Semantic Similarity-Enhanced Vision-Language Model for Uterine Ultrasound in 5G Mobile Edge Computing
- CLEAR: Channel Learning and Enhanced Adaptive Reconstruction for Semantic Communication in Complex Time-Varying Environments
- ResNet-GRU-Attention Model Based on Distributed Differential Evolution for Traffic Carbon Emission Prediction
- Digital Twin-Assisted Offloading and Resource Allocation Optimisation for a Multi-Agent Low-Altitude Economy Networks

03:15 PM – 03:30 PM – Coffee Break

03:30 PM – 05:00 PM – Paper Session 3

- MTA-B0: A Lightweight Deepfake Image Detection Method Based on Multi-Teacher–Assistant Collaborative Distillation
- LLM-based Collaborative AI for Sentiment Analysis and Prediction
- A Multidimensional Benchmark Framework for Energy-Efficient Spiking Neural Networks in Fine-Grained Food Recognition
- Towards Green Communication in 6G Smart Cities: An Energy-Efficient D2D Resource Allocation Framework
- Predicted Traffic Segment Scheduling Framework Based on DDPG for 6G Digital Twin Network
- Semantic Reinforcement Generative Adversarial Networks for Text-to-Image Generation and Evaluation

04:45 PM – 04:55 PM Closing Remarks

06:00 PM – 08:00 PM Social dinner

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Agenda – Day 3 - November 30, 2025

09:30 AM – 10:30 AM – Paper Session 1

- A Text Clustering Based on Local Attention Mechanism
- A Mamba-Based Model for ECG Arrhythmia Classification Using Continuous Wavelet Transform
- Intra-layer Synchronization Analysis of Multilayer Networks with Pinning Impulsive Control by Step Function Method
- Noise Enhanced Joint Signal Detection and Estimation for a Clipping System under the Neyman-Pearson Criterion

10:30 AM – 10:45 AM – Coffee Break

10:45 AM – 11:45 PM – Paper Session 2

- Realization of Intra-layer Synchronization in Multi-layer Networks Under Periodic Intermittent Control
- LaneST-Net Spatial-Temporal Lane Detection Network
- An Improved Prediction Method for Telemetry Time Series Based on a Large Language Model
- Efficient-DenseNet with a Spatial-Spectral Dual Attention Mechanism for Accurate Hyperspectral Crop Classification

02:00 PM – 03:00 PM – Paper Session 3

- An Air-Ground Cooperative System Using A* and Spatio-Temporal B-Spline
- Predicting Plasma Response to RMPs for ELM Control in ITER Using a Multi-Channel Attention Network as a Real-Time Replacement for MARS-F
- A Recognition Method for Abnormal Human Behavior in Videos Based on Multi-Scale Feature Extraction and Spatiotemporal Attention Fusion
- Bipartite Synchronization of T-S Fuzzy Coupled Delayed Neural Networks with Signed Graphs under Fast Fixed-time Control

03:00 PM – 03:15 PM – Coffee Break

03:15 PM – 04:00 PM – Paper Session 4

- Efficient Task Allocation with Task Coupling in Multi-Skilled Agent Systems
- Corn Yield Prediction based on Double-layer Stacking Ensemble Learning
- A Lightweight Multi-Stage Network for Strawberry Detection Based on an Improved RT-DETR

04:00 PM – 04:10 PM Closing Remarks