EAI MOBIMEDIA 2023 - 16th EAI International Conference on

Mobile Multimedia Communications

Conference Calendar   Date: 2023 July 23rd

Location	Time	Event
Guilin Lijiang Grand Waterfall Hotel **Main Venue: LiJiang Hall** **Online Conference Num: 190-455-750**		
Main Venue	**8:20-8:50**	**Opening Ceremony & Welcome from GUET, Group Photo**
Main Venue	**8:50-10:30**	**Academic Presentation**
Main Venue	**10:30-10:40**	**Question**
10:40-10:50		**Tea Break**
Main Venue	**10:50-12:30**	**Academic Presentation**
Main Venue	**12:30-12:40**	**Question**
Lunch		
12:40-14:00		**Lunch**
Part Venue 1		

（Cutting-edge technology in wireless communications）		
LiJiang Hall		Online Conference Num: 190-455-750
Part Venue 1	14:10-15:50	Academic Presentation
Part Venue 1	15:50-16:00	Question
Part Venue 1	16:00-16:10	Tea Break
Part Venue 1	16:10-17:15	Academic Presentation
Part Venue 1	17:15-17:25	Question
Part Venue 2		
（Cutting-edge technology in Information Processing）		
DuXiu Hall		Online Conference Num: 521-865-190
Part Venue 2	14:10-15:50	Academic Presentation
Part Venue 1	15:50-16:00	Question
Part Venue 2	16:00-16:20	Tea Break
Part Venue 2	16:20-16:50	Academic Presentation
Part Venue 2	16:50-17:00	Question
Part Venue 3 （Authors' Report）		
ShanHu & GuiHu Hall		
Online Conference Num: 919-951-278		
Part Venue 3	9:00-10:40	Academic Presentation

Part Venue 3	**10:40-10:50**	**Question**
Part Venue 3	**10:50-11:00**	**Tea Break**
Part Venue 3	**11:00-12:20**	**Academic Presentation**
Part Venue 3	**12:20-12:30**	**Question**
Part Venue 3	**14:20-15:30**	**Academic Presentation**
Part Venue 3	**15:30-15:40**	**Question**
Part Venue 3	**15:40-15:50**	**Tea Break**
Part Venue 3	**15:50-16:40**	**Academic Presentation**
Part Venue 3	**16:40-16:50**	**Question**
Banquet		
18:00-		**Banquet**

LiJiang Hall: Online Conference Num: 190-455-750

DuXiu Hall: Online Conference Num: 521-865-190

ShanHu & GuiHu Hall: Online Conference Num: 919-951-278

All Online Conferences will be held through Tecent Meeting

Conference Schedule

2023.7.23 Main Venue		Host	Note
8:20-8:45	**Opening Ceremony & Welcome from GUET**	Junyi Wang	Wentao Zhang Online
8:45-8:50	**Group Photo**		
8:50-9:20	**Yan Zhang**, Distinguished Prof., University of Oslo	Machine Learning in Digital Twin Edge Networks	Yanlong Li	
9:25-9:55	**Shiwen Mao**, Distinguished Prof., Uburn University	Indoor Localization with Deep Gaussian Process and Uncertainty Maps		Online Washington time： 2023.7.22, 21:25-21:55
10:00-10:30	**Jun Cai**, Distinguished Prof., Concordia University	Human Digital Twins: A New Era of Customized Healthcare		
10:30-10:40	**Question**		
10:40-10:50	**Tea Break**		
10:50-11:20	**Miao Pan**, Distinguished Prof., University of Houston	To Talk or to Work: Efficient Federated Learning over Mobile Devices	Yanlong Li	
11:25-11:55	**Ximeng Liu**, Distinguished Prof., Fuzhou University	Secure Computation: Current and Future Trends		
12:00-12:30	**Wenjia Li**, Associate Prof., New York Institute of Technology	Toward Secure and Trustworthy Vehicle Sensing Using Blockchain Technology		
12:30-12:40	**Question**		
12:40-14:00	**Lunch Break**		

2023.7.23 Part Venue 1（Cutting-edge Technology in Wireless Communications）			Host	Note
14:10-14:40	**Wei Wang**, Distinguished Prof., Zhejiang University	Towards Deterministic Low-Latency Communications: A Stochastic Optimization Perspective	Ran Li	
14:45-15:15	**Fan Liu**, Associate Prof., Southern University of Science and Technology	Fundamental Tradeoffs in Communication-Perception Integration over Gaussian Channels		Online
15:20-15:50	**Lixin Li**, Distinguished Prof., Northwestern Polytechnical University	Federated Learning for Wireless Networks		
15:50-16:00	**Question**			
16:00-16:10	**Tea Break**			
16:10-16:40	**Xiaoqi Qin**, Associate Prof., Beijing University of Posts and Telecommunications	Simplified Machine Communication and Networked Cognitive Technology		Online
16:45-17:15	**Jianhua Tang**, Associate Prof., South China University of Technology	Connectivity Maximization in Non-orthogonal Network Slicing Enabled Industrial Internet-of-Things		
17:15-17:25	**Question**			

2023.7.23 Part Venue 2（Cutting-edge Technology in Information Processing）			Host	Note
14:10-14:40	**Jian Wang**, Distinguished Prof., Fudan University	Sparse Optimization in Information Processing		
14:45-15:15	**WeiDang Lu**, Distinguished Prof., Zhejiang University of Technology	Secure Communication in UAV-assisted Mobile Edge Computing Networks		
15:20-15:50	**Daquan Feng**, Associate Prof., Shenzhen University	Mobility-Aware Multimedia Content Distribution in Vehicle Networks		
15:50-16:00	**Question**		Liping Nong	
16:00-16:10	**Tea Break**			
16:10-16:40	**Tianyi Zhou**, Senior Scientist, National University of Singapore	Can Model Compression Really Save Energy?		Online (Hawaii time：2023.7.22, 22:10-22:40)
16:40-16:50	**Question**			

2023.7.23　　Part Venue 3（Author's Report）			Host	Note
Time	**Author**	**Title**		
9:00	Haoyi Li	Design of 8-bit 2GHz Current-steering DAC		
9:10	Zhanqi Liu	A Supervised Domain Adaptive Method for Multi Device Acoustic Scene Classification		Online
9:20	Fanze Zeng	Wireless Optical OAM Communication Modulation and Demodulation		
9:30	Kun Zheng	Small Target Underwater Sonar Image Target Detection Based on Adaptive Global Feature Enhancement Network		
9:40	Zhaoyun Li	Statistical Analysis of Amplitude Masking for Quantum Noise Stream Cipher by Intensity Modulation		
9:50	Guohao Xie	Improvements Towards the Sonar Image Dataset for Yolov7		Online
10:00	Yu Huang	Improved Targeted Recognition Model in Underwater Sonar Images Based on YOLOv8		
10:10	Shenqi Zhao	Underwater Target Bearings-only Trajectory Tracking Based on Long Short-Term Memory Neural Network	Yuanhao Sun	
10:20	Jianxun Tang	Small Sample Underwater Acoustic Target Recognition Based on Full Dimensional Dynamic Feature Enhancement Network		
10:30	Shuaixing Li	Underwater Full-duplex 4×4 MIMO Optical Communication System Based on Imaging Reception		
10:40-10:50	**Question**			
10:50-11:00	**Tea Break**			
11:00	Chanjie Guo	Frame Optimization in Speech Emotion Recognition Based on Improved EMD and SVM Algorithms		Online
11:10	Wenlu Yue	Parallel Multi-Model Fusion Spectrum Prediction Based on Multi-Channel Feature Extraction		
11:20	Xiao Chen	Computation Offloading and Resource Allocation for Edge Intelligence: A Deep Reinforcement Learning Solution		

11:30	Kunpeng Zhao	Vector Perturbation-based Multi-dimensional Domain Physical Layer Encryption System		
11:40	Xu Wang	A Computational Offloading Strategy for Large-Scale Disaster Areas		
11:50	Xinying Xie	A Computing Resource Pricing Strategy of Satellite-Earth Double Edge Computing System		
12:00	Yifan Li	Influence Maximization in Partially Observable Mobile Social Networks		
12:10	Jianjun Wen	Radio Galaxy Classification Based on U-Shaped Attentional Feature Fusion Network		
12:20-12:30	**Question**			
12:30-14:20	**Lunch Break**			
14:20	Shuangshuang Ying	Evaluation Study on the Validity of Total Budget Management in T Company		Online
14:30	Cuiling Li	Edge Computing Offload and Resource Allocation Strategy with Pairing Theory		
14:40	Jing Zhang	Design and Analysis of Low Earth Orbit Satellite Communication System Based on MBSE		
14:50	Jinghui Piao	Sensing Information Assisted Routing Scheme for UAV Networks		
15:00	Zihao Wang	High-Frequency Non-Intrusive Load Monitoring System based on KNN and QDA Ensemble Learning Algorithm		
15:10	Qijia Zhou	Hydropower plant siting based on 5G risk benefit assessment		Online
15:20	MoLiu Qiaoyu	Mobile Crowdsensing Location Aggregation Data Release with Differential Privacy Protection		Online
15:30-15:40	**Question**			
15:40-15:50	**Tea Break**			
15:50	Binghui Ji	Robot Path Planning Algorithm for Global Optimization of Known Map Based on DQN Algorithm		

16:00	Yiqin Chen	Raft-S: A Sharding Consensus Algorithm based on Queue Theory and the Raft		Online
16:10	Chang Liu	Deep Adversarial Neural Network based on Transformer Encoder for Specific Emitter Identification under Varying SNR		
16:20	Yunfeng Xia	Trajectory Optimization and Power Control Of UAV-assisted Mobile Edge Devices		
16:30	Shuai Wang	Why Not Model Privacy? An Efficient and Practical Scheme for Federated Learning Model Security		Online
16:40-16:50		**Question**		