

ICCSE/ICAA'24 Program

Day 0: Thursday, July 18, 2024, Lobby, Aloft Langkawi Pantai Tengah Hotel	
16:00 - 18:00	ICCSE/ICAA Registration

Day 1: Friday, July 19, 2024, Sunset Hall, Aloft Langkawi Pantai Tengah Hotel	
08:00 - 09:00	ICCSE/ICAA Registration
09:00 - 09:15	ICCSE/ICAA Tutorial Welcome Speech (Dr Zhiqi Shen) MC: Dr Ping Chen
09:15 - 10:15	ICCSE Tutorial Dr Xin Zhou: Multimodal LLM and its Application to Recommender Systems
10:15 - 10:45	Group Photo / Tea Break
10:45 - 11:45	ICAA Tutorial Dr Zhiwei Zeng: AI-empowered Monitoring and Intervention of Neurodegenerative Diseases in Community Settings
12:30 - 13:30	Lunch
13:30 - 14:30	<p>Poster and Exhibition session:</p> <p>1. Large Language Model: GreenRec: A Large-Scale Dataset for Green Food Recommendation</p> <p>SpecialLLM: Large Language Models based Specialist</p> <p>Leveraging Large Language Models for Automated Chinese Essay Scoring</p> <p>ChatGPT-4 and Healthcare Conversational Agent Design: A User Experience Study of the Elderly</p> <p>2. Agent: The Measurement and Network Analysis for the Data Service MarketBased on Heterogeneous Multi-Agent Modeling</p> <p>A Teachable Agent to Enhance Elderly's Ikigai</p> <p>Agent-Based Modeling for Communication and Service Utility Optimization in the HarmonyOS Ecosystem</p> <p>Engaging the Elderly in Exercise with Agents: A Gamified Stationary Bike System for Sarcopenia Management</p> <p>RDRC: A Reputation infused Dynamic RimChain for Architecting High Performance Network Interconnections towards Crowd Network</p>

	<p>3. Healthcare: ADL+: A Novel AI-Driven Approach to Prevent Cognitive Decline in Older Adults</p> <p>Enhancing Cognitive Inhibition in Older Adults Through Exergame</p> <p>Automated Clock Drawing Test for Early Dementia Risk Assessment</p> <p>Knowledge-driven Multi-task Disease Representation Learning for Medical Imaging Diagnosis</p> <p>A Survey of Artificial Intelligence in Gait-Based Neurodegenerative Disease Diagnosis</p> <p>Enabling Patient-side Disease Prediction via the Integration of Patient Narratives</p> <p>4. Advanced Applications: Delivery Time Prediction Using Large-Scale Graph Structure Learning Based on Quantile Regression</p> <p>Driver profiling using trajectories on arbitrary roads by clustering roads and drivers successively</p> <p>A cross-sectional study of sports organized by socialforces: Kendall's coefficient and logistic regression</p> <p>HGAttack: Transferable Heterogeneous Graph Adversarial Attack</p>
13:30 - 14:30	ICCSE/ICAA Registration
14:30 - 14:45	ICAA Welcome Speech (Prof Cyril Leung) Co-Chairs: Prof Cyril Leung, Prof Yiqiang Chen, Prof Martin McKeown MC: Dr Xinjia Yu
14:45 - 15:15	ICAA Keynote #1 Prof Miao Chunyan: Teachable agent for improving Ikigai
15:15 - 15:45	Tea Break
15:45 - 16:05	ICAA Invited Talk #1 Dr Guo Wei, Prof Liu Zhi: Multimodal Intelligent Psychological Assessment System and Equipment
16:05 - 16:25	ICAA Invited Talk #2 Dr Qiu Yang, Dr Shen Zhiqi: The Role of Playfulness Trait in Healthcare Gamification
16:25 - 16:45	ICAA Invited Talk #3 Dr Zeng Zhiwei, Dr Lim Wee Shiong: End-to-end Adaptive AI-Assisted 3H Care System
16:45 - 17:15	ICAA Keynote #2 Prof Chen Yiqiang: EYEGPT

18:00 – 20:00	Reception Dinner (Nook Patio)
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Day 2: Saturday, July 20, 2024, Sunset Hall, Aloft Langkawi Pantai Tengah Hotel	
08:00 - 09:00	ICCSE/ICAA Registration
09:00 - 09:15	ICCSE Welcome Speech (Prof Yueting Chai) Co-Chairs: Prof Yueting Chai & Prof Zhiqi Shen & Prof Chenqi Zhang MC: Dr Zhiwei Zeng
09:15 - 10:00	ICCSE-Keynote #1 Prof Yiqiang Chen: Federated Learning for Emerging Applications
10:00 - 10:30	Tea Break
10:30 – 12:30	<p>Paper Presentation Session (12 minutes per talk): Session Chair: Prof Leiju Qiu</p> <ol style="list-style-type: none"> 1. Baowen Sun: Idea Popularity in Open Innovation Communities: The Effects of User Roles and Gamification Mechanisms 2. Qian Liu: Rumor Propagation Patterns on Social Media: Evidence from Sina Weibo 3. Leiju Qiu: A Survey on Human-Robot Collaboration: Definition, Mode, and Socioeconomic Impact 4. Tongyu Wu: Can Anthropomorphism Gain an Advantage? The Impact of Virtual Idols' Anthropomorphism on Follower Recognition 5. Yang Zhao: Can voice of retail investors improve firm value? 6. Zhongyan Lin: A cross-sectional study of sports organized by social forces: Kendall's coefficient and logistic regression 7. Ziyang Wang: An aggregating method based on boundary models for crowd decision-making 8. Yanlin Ying: Role of Credit in Data Transaction Scenarios 9. Xiaonuo Yang: PM2.5 Transport Path Estimation under Different Wind Conditions 10. Jinwei Miao: Research on Performance Evaluation Methods and Influencing Factors for On-Demand Mobility Systems
12:30 - 13:30	Lunch

13:45 - 14:15	ICCSE-Keynote #2 MC: Dr Zhiwei Zeng Prof Zhiqi Shen: Goal-Net meets Large Language Model for Pedagogy Design
14:15 - 14:45	ICCSE-Keynote #3 MC: Dr Zhiwei Zeng Prof Huanhuan Chen: Causal Learning and Applications
14:45 - 16:00	Paper Presentation Session (about 12 minutes per talk): Session Chair: Prof Jian-Ping Mei <ol style="list-style-type: none"> 1. Xiaomei Yu: Exploring the impact of AI technology on doctor-patient relationship based on BERTopic modeling and sentiment analysis 2. Xiangwei Zheng: AI Intervention for Dynamic Topic Modeling and Temporal Sentiment Analysis for Doctors and Patients in Healthcare 3. Jian-Ping Mei: Semi-Supervised Learning using Pairwise Constraints as Side Supervision 4. Jian-Ping Mei: A Tool for Crowdsourcing-based Image Grouping Information Collection 5. Shipeng Wang: RDRC: A Reputation-infused Dynamic RimChain for Architecting High-Performance Network Interconnections towards Crowd Network 6. Qianwen Meng: NDRL: Neighbor-Driven Representation Learning for Enhanced Human Activity Recognition (online)
16:00 - 16:30	Tea Break
16:30 - 18:00	Paper Presentation Session (about 12 minutes per talk): Session Chair: Dr Yang Qiu <ol style="list-style-type: none"> 1. Deyu Zhou: The Measurement and Network Analysis for the Data Service Market Based on Heterogeneous Multi-Agent Modeling 2. Linhao Zhang: Agent-Based Modeling for Communication and Service Utility Optimization in the HarmonyOS Ecosystem 3. Xiaoxiong Zhang: Low-Dimensional Federated Knowledge Graph Embedding via Knowledge Distillation 4. Yihan Zheng: Detecting Anomalies in the Consistency of Sentiment Biases Based on Large Language Models (online) 5. Tong Ding: Intelligent Aerial-Terrestrial IoT Framework for Sustainable Deployment in Harsh Environment (online) 6. Yuebo Jin: Study on the Patterns of Vital Signs in Depressed Patients Based on Wearable Devices (online)
19:00 - 21:00	Banquet (Rooftop)

Day 3: Sunday, July 21, 2024, Sunset Hall, Aloft Langkawi Pantai Tengah Hotel	
08:00 - 09:00	ACE Committee Meetings (by invitation) Topic: IJCS & ICCSE Development/ACE Member Development Members: Member of Association for Crowd Science and Engineering (ACE)
09:00 - 09:30	Industrial Day & Posters MC: Dr Xinjia Yu Industrial Talk #1: Introduction to MITACS Talent Program Prof Cyril Leung Industrial Talk #2: Introduction to Alibaba JRI and IPP programme Dr Liang Zhang and Dr Xinjia Yu Industrial Talk #3: Introduction to GreenTRI Dr Derek, Yude Wang
09:30 - 17:30	Networking & Cultural Visit

Dress Code: Business Casual