

IEEE ICEBE 2024 - Day 1 Program

Day 1: 11 October 2024 (Friday)

09:00-17:00	Registration & Refreshment <i>Shih Chien University Kaosiung Campus, Taiwan</i>
09:00-09:15	Opening Ceremony <i>Shih Chien University Kaosiung Campus, Taiwan</i>
09:00-12:00	Session EBE-01: Special Track: UASACT-Intelligent Systems & Software Engineering <i>Shih Chien University Kaosiung Campus, Taiwan</i>
	The Realization Factors of Taiwan's Low Altitude Airspace Economy and UAM: Analysis and Evaluation by Tung-Ling Wu, Chih-Ming Kung, Guan-Ting Lin, Kuen-Yu Tsai, Guang-Yun Meng, Yu-Che Huang, Wan-Shu Cheng
	The Design of a Drone-Assisted System for Large Wildlife Vaccination Shooting Based on AI Image Identification Technology by Yao-Yu Tsai, Yao-Chuan Tsai, Chang-Hsien Tai, Chen-Chih Chen and Uzu-Kuei Hsu
	Wireless Positioning for Three-Dimensional Object Tracking by Using UWB Technology by Yi-Cheng Lai, Ching-Hao Yu, Tan Zhi Wei, Wei-Ting Tsai, Chih-Ming Kung and Shau-Gang Mao
	Prompt Optimization with Human Annotations Using Pairwise Comparison by Yung-En Lu and Shin-Jie Lee
	API Test Case Generation by Extracting HTTP Requests during Front-End Testing by Yi-Jie Guo, Shang-Pin Ma, Hsin-Jui Peng and Yu-Sheng Su
	LLM-based Test Migration from Monolith to Microservices by Hang-Wei Yeh, Shang-Pin Ma and Yi Chen
18:15-21:00	Conference Reception (TUI Blue WSK, No. 517 Wusongkou Road)[吴淞口路517号途易蓝酒店]

IEEE ICEBE 2024 - Day 2 Program

Day 2: 12 October 2024 (Saturday)

09:00-17:15	Registration & Refreshment Inside the Front Gate, Interdisciplinary Building No. 2 [复旦大学新江湾校区交叉二号楼前门内]		
2024 IEEE ICEBE Keynote Speeches & AI4Industry Forum of Development and Industry Applications of AGI (By IEEE International Conference on e-Business Engineering & SAP Research & Fudan University Institute of Financial Technology) (Chair: Mr. Lei Xu, Prof. Kuo-Ming Chao) Lecture Hall (E1006) @ Interdisciplinary Building No. 2 [复旦大学新江湾校区交叉二号楼一楼报告厅 (E1006)]			
09:15-09:30	Opening and Welcome speech		
09:30-09:50	Perspectives and Open Discussions on AGI and Its Applications in Smart Finance, by Prof. Hongfeng Chai, Fudan University, Academician Fellow of the Chinese Academy of Engineering		
09:50-10:10	Technical Forecast of LLM/AI4Industry, by Prof. Yanghua Xiao, Fudan University		
10:10-10:30	AI at SAP and how Foundation Models change the picture, by Phipps Xue, Vice President, Head of SAP Business Technology Platform Innovation China		
10:30-10:50	Photo & Coffee Break		
10:50-11:10	AI trends and industrial adoption, by Dr. Ying Huang, Chief Technology Officer of Hong Kong Applied Science and Technology Research Institute		
11:10-11:30	The Current Status and Future of Generative Artificial Intelligence and Its Impact on Business, by Zhenhua Zhang, General Manager of Alibaba Cloud's Government and Enterprise Solutions in Shanghai, Chief Architect of Alibaba Cloud's Government and Enterprise Solutions in Shanghai		
11:30-13:00	Lunch + Networking		
	Session EBE-03: Big Data Analytics for e-Business-I Lecture Hall/E1006, Interdisciplinary Building No. 2 [交叉二号楼报告厅/E1006] Session Chair: Dr. Ying Huang, Prof. Ching-Long Lin	Session EBE-04: B-business for Financial Security Venue Room E1021, Interdisciplinary Building No. 2 [交叉二号楼 E1021] Session Chair: Dr Morteza Saberi, Prof. Kuo-Ming Chao	Session EBE-05: Big Data Analytics for e-Business-II VenueRoom A1003, Interdisciplinary Building No. 2 [交叉二号楼 A1003] Session Chair: Prof. Cheng Xie, Prof. Lihong Jiang

13:00-14:45	Masked Auto-Encoder With Multiple Masks For Graph Representation Learning by Boyu Chen, Cheng Xie and Haoran Duan	Saro: A Simplified Attention-based Learning-to-Rank Query Optimizer by Jiangqing Wang, Shipeng Cao, Chong Sun, Huili Zhang, Zhiqing Luo, Bowen Zhang and Hongyan Zhao	How does e-GP system improve overall quality of e-governance? Based on a conceptual model by Qazi Mahdia Ghyas and Taslima Akter
	Knowledge Distillation-based Multi-scale Feature Matching for Industrial Anomaly Detection in Intelligent Manufacturing by Weile Zhang, Cheng Xie and Luyao Xu	MQPHFM: A SQL Query Featurization Method Suitable for Cardinality Estimation Tasks by Hantao Ya, Chong Sun, Jun Tie, Lifeng Wu, Chongwei Ruan, Yinglun Hu, Bowen Zhang and Shipeng Cao	A Pathological Diagnosis Method Combining ImageText Large Model and Rule-Based Reasoning by Haozhong Lan, Yan Sun, Pan Hu, Ruikai Yang, Wei He and Hongming Cai
	Multiclass Feature Selection Model for Adversarial Attacks in IoT Environment by Nafiza Tabassoum, Farsha Bindu, Sanjida Sheikh, Raqeebir Rab, Abderrahmane Leshob and Tamima Binte Wahab	A New Method of B2B Customer Segmentation based on Firmographic Data, and RFM and Graph models by Amira Ben Hadid, Sara Bouguelia and Hamamache Kheddouci	Option Data Fusion Incorporating Moment-Matching And Dynamic-Matching Simulations by Wei Wei and Jin Zheng
	Design and Implementation of a Workflow-based Architecture for Distributed Medical Image AI Systems by Yu Ge, Qi Zhang, Yibin Chen, Kuo-Ming Chao, Pan Hu and Hongming Cai	Arabic Sentiment Analysis with Social Network Data: A Comparative Study by Abdulrahman Alharbi, Nabin Sharma and Farookh Hussain	Research on Marketing Effectiveness and Fans Interaction of Short Dramas Based on the SIPS Model by Yuan Pu, Ye Liu, Chunlin Duan, Yanchen Wu, Zhiyuan Fang and Mianchao Huang
14:45-15:05	<i>Coffee + Networking</i> <i>Venue:Lecture Hall (E1006) @ Interdisciplinary Building No. 2 [复旦大学新江湾校区交叉二号楼一号楼报告厅 (E1006)]</i>		
15:05-17:00	Session EBE-06: Big Data Analytics for e-Business-III Lecture Hall/E1006, Interdisciplinary Building No. 2 [交叉二号楼报告厅 /E1006] Session Chair: Prof. Farookh Hussain	Session EBE-07: Social Commerce for business productivty Venue Room E1021, Interdisciplinary Building No. 2 [交叉二号楼E1021] Session Chair: Prof. Guangnan Ye	Session EBE-08: Big Data Analytics for e-Business-IV VenueRoom A1003, Interdisciplinary Building No. 2 [交叉二号楼A1003] Session Chair: Dr. Yuan Pu / Prof. Yinsheng Li
	Perception Gaps between Hashtag Stakeholders on X (Twitter)-Application on the Australian National Disability Insurance Scheme (#NDIS) by Yu Zhang, Hang Thanh Bui, Michael Zipperle, Fiona Buick, Satish Chand, Omar Hussain, Min Wang, Huadong Mo and Wenjie Zhang	A Comprehensive Analysis for Determining Key Influencing Factors on Carbon Credit Prices by Najlaa Alshatri, Morteza Saberi and Farookh Hussain	Social Carbon Credits: A New Approach to Assessing the Impact of Social Development Projects against the Sustainable Development Goals by Nada Atetallh M Alghanmi, Afnan Abdulrahman Bukhari, Samar Alsulaimani, Budoor Bawazeer, Duaa Alawfi and Prof. Farookh Khadeer Hussain
	Real-Time Highway Litter Detection Based on Attention Bidirectional Feature Pyramid Cascade Network by Lifeng Li, Rui Yang and Na Li	Advancing Blockchain Integration in Saudi Manufacturing: A Roadmap Aligned with Vision 2030 by Mahasen Alsolmy and Farookh Hussain	At scaled research opportunity identification: The marriage of explicit and parametric knowledge by Naif Alotaibi, Morteza Saberi and Madhushi Bandara
	SSI is here to support the rights of data subjects by Ronald Petric	Practical Digital Transformation framework for Small and Medium-sized Enterprises in the UK by Milinda D. Sirinanda and Josiah E. Balota	Blockchain-based Joint Ownership Group Formation by Mohanad Almalki, Abdullah Abualhamayl, Abdulmajeed Alyoubi, Firas Al-Doghman and Farookh Hussain
	Enhancing Cybersecurity in IoT Networks: A Deep Learning Approach to Anomaly Detection by Yining Pang and Chenghan Li	DFCH: Diffusion Based Conditional Heteroskedasticity for Generating Long-Term High-Frequency Financial Time-Series Data by Sungil Seok, Juan Feng, Shuide Wen and Wenming Yang	Joint Recommendationof Materialized Views and Indexes Based on Reinforcement Learning by Jiangqing Wang, Yinglun Hu, Chong Sun, Huili Zhang, Chongwei Ruan, Shipeng Cao and Bowen Zhang
	Federated Reinforcement Learning Enhanced Human-Robotic Systems: A Comprehensive Review by Anurag Upadhyay, Soheil Abafat, Yashar Baradaranshokouhi, Xin Lu, Yanguo Jing and Jun Li.	A Review of Security Frameworks in Flying Ad-hoc Networks by Jim Diocou, Dehao Wu, Xin Lu, Yanguo Jing, Antesar Shabut and Martin Barwood.	
17:30-19:30	Banquet @ TUI Blue WSK, No. 517 Wusongkou Road) [吴淞口路517号途易蓝酒店] Meeting Point: Inside the Front Gate, Interdisciplinary Building No. 2 [复旦大学新江湾校区交叉二号楼前门内]		

IEEE ICEBE 2024 - Day 3 Program

Day 3: 13 October 2024 (Sunday)

09:30-13:00	Registration & Refreshment <i>Inside the Front Gate, Interdisciplinary Building No. 2 [复旦大学新江湾校区交叉二号楼前门内]</i>		
09:30-11:30	Session EBE-09: Big Data Analytics for e-Business-V Venue Room E1023, Interdisciplinary Building No. 2 [交叉二号楼 E1023] Session Chair: Prof. Yang Lu, Prof. Omar Hussain	Session EBE-10: Big Data Analytics for e-Business-VI Venue Room E1021, Interdisciplinary Building No. 2 [交叉二号楼 E1021] Session Chair: Prof. Zhen Dong	Session EBE-11: Big Data Analytics for e-Business-VII Venue VenueRoom A1003, Interdisciplinary Building No. 2 [交叉二号楼A1003] Session Chair: Dr. Zhonghua Shen, Prof. Kuo-Ming Zhao
	A systematic literature review for facilitating authentication for the disabled by David Cropley, Paul Whittington and Huseyin Dogan	HybridCube : Integrating Multi-sensor Cross-modal Data for Early Fault Detection in Power Transformers by Yuxiao Wang, Hongming Cai, Zhiyuan Chen, Pan Hu, Han Yu and Boyi Xu	Enhancing Supply Chain Risk Management with Large Language Models: Software Prototyping and Interactive Visualization by Ming Zhao, Omar Hussain, Yu Zhang, Morteza Saberi and Abderrahmane Leshob
	On-line System of Garbage Image-orientated Intelligent Classification, Submission and Examination by Jiayin Tian, Yaozhi Wang, Jiaxin Liu and Yan Chen	Leveraging Deep Learning with Case-based Reasoning for Interpretable Bid-rigging Detection by Zheng Xu, Yifei Zhao, Yongfu Su, Wanchao Xie and Yinsheng Li	FOJA : Feature Optimization for Join Order Selection Based on AlphaJoin by Chong Sun, Bowen Zhang, Jun Tie, Fan Yin, Yong Ai, Mian Wu and Shipeng Cao
	Enabling Reliable Collaboration in Legacy Business Process Systems by Liming Jiang and Liang Zhang	Evaluation of Large Language Model Responses for 32 Diverse Personality Types Using the Best Worst Method (BWM) by Zhaleh Havaei and Morteza Saberi	U-shape network for chip surface defect detection by Rui Ruan, Wei Zou, Zhenwei Li, Zhuorui Qin, Qingyao Wu and Shenghui Huang
	Effective and Reliable Domain-Specific Knowledge Question Answering by Yunfei Fang, Yong Chen, Zhonglin Jiang, Jun Xiao and Yanli Ge	Software Anomaly Detection Method Based on Artificial Neural Network by Veska Gancheva	QFEDS: A GNN-Based Query Featurization Enhancement Method for Cardinality Estimation by Jun Tie, Ziyi Pan, Chong Sun, Lifeng Wu, Yinglun Hu, Bowen Zhang and Shipeng Cao
	Prediction of Chinese squid price index based on LSTM model. Yuqing Liu, Binbin Li, Hejun Liang and Tiange Feng	Reinforcement Learning Framework for Delivery Capacity Scheduling with Vehicle Constraints by Zhongneng Ma, Zhuorui Qin, Shuxia Shi and Qingyao Wu.	Analysing Regional Disparities and Shifting Trends in Transportation Carbon Emissions in China by Zhonghua Shen, Jiaying Huang, Dehao Wu and Xin Lu.
11:30-13:00	Farewell Lunch + Networking Meeting Point: Inside the Front Gate, Interdisciplinary Building No. 2 [复旦大学新江湾校区交叉二号楼前门内]		