

# ITAIC 2025 Schedule

Beijing Time: May 24, 2025 (Saturday)

Venue: Chongqing Wanyou Conifer hotel  
(重庆万友康年大酒店)

Time	Activity	Location
8:50 - 9:20	Tencent Meeting (在线报到)	Author Paper ID-Name
9:20 - 9:30	Opening Ceremony (开幕式)	
9:30 - 10:20	Keynotes Speech 1 (主题报告1) <i>Prof. Steven Guan</i>	Frist Floor, Jade Function Room, Chongqing Wanyou Conifer hotel
10:20 - 10:30	Photo (合影)	重庆万友康年大酒店1楼翡翠厅
10:30 - 10:50	Coffee Break (茶歇)	
10:50 - 11:40	Keynote Speech 2 (主题报告2) <i>Prof. Yinong Chen</i>	
12:00 - 13:00	Lunch	Chongqing Wanyou Conifer hotel 重庆万友康年大酒店
14:00-18:00	Oral Presentations Session ITAIC 2025 (Page 2)	Frist Floor, Jade Function Room, Chongqing Wanyou Conifer hotel 重庆万友康年大酒店1楼翡翠厅
18:00-20:00	Welcome Dinner	

**Afternoon, May 24, 2025 (Saturday)**

**14:00 – 18:00**

**Oral Presentations Session: ITAIC 2025**

**Venue: Frist Floor, Jade Function Room, Chongqing Wanyou Conifer hotel**

**重庆万友康年大酒店 1 楼翡翠厅**

Paper ID	Authors	Title
20241476	Haichao Wang, Chuan He, Hanhan Qian, Weishi Zhang, Hui Qi, Heyang Yan	Analysis of Green Power Trading Prediction in A Province Based on LSTM, Grey Prediction and SVR Regression
20241539	Zhongzhi Yang, Xia Li, Wei Wang, Hao Liu, Yang Xiang	Analysis of the influence of sensor installation effect on the measurement of clamp-on ultrasonic flowmeter
20241623	Jindao Zheng, Ping Zhang, ling Zhang, Qin Wang	Hybrid CNN-GNN Architecture for UAV Low-Altitude Logistics Path Optimization
20250083	Minzhu Yang, Raúl Guerra, Zhen Wu, José Fco. López, Changpei Han, Jiabin Yu	A lossless compression method based on vector quantization and linear prediction for 3D GIIRS datacubes
20250171	Dewu Yang, Junying Wang, Huifang Cai, Xinghui Gai, Shuang Wang, Ping Liang	Construction of evaluation model for higher vocational teachers' core literacy based on improved C4.5 decision tree
20250185	Dengyu Cao, Zimin Lv, Wei Ding, Jingqiu Wei, Xiandong Ma, Fubin Chao	Underwater motion target tracking based on colocated MIMO image sonar
20250210	Baolei Dong, Xiao Wang, Zirui Zhu, Mochen Xu, Haoyue Deng	Modular Input and Independent Output Series Distributed MPPT High Voltage DC Combined Power Supply Technology
20250228	Jiaojiao He, Jie Yang, Junfeng Chang, Qianxi Cheng, Xin an Wang	Analysis of Pulse Signal Characteristics Before and After Spinal Correction for Scoliosis
20250233	Jiayi Wang, Yuan Fang, Yuhang He, Dianbo Zhou, Zhenze Long, Jing Zhang	DFF: Dynamic Feature Fusion for Fault Diagnosis of High Voltage GIS
20250246	Shuai Wang, Yapeng Wu, Ning Jia, Mengshi Li	Design of a Triple-Band Red-Ultraviolet Flame Detector and Research on Feature Extraction Algorithms
20250258	Guanlin Wu, Wendan Wu, Pan He, Yi Tong, Kang Hu	Application of Screening Decision Research in Production Processes Based on Sampling Inspection
20250259	Beiming Liu, Zhizhuo Cui, Siteng Hu, Xiaohua Li, Haifeng Lin, Zhengxin Zhang	LLM Evaluation Based on Aerospace Manufacturing Expertise: Automated Generation and Multi-Model Question Answering
20250263	Xiaoyi Yu, Ruiliang Song, Yun Liu, Zikai Wang, Haipeng Zhang, Waiho MOW, Pei Xiao	Research on Grant-free Random Access Based on Predictive Compressed Sensing
20250265	Xiaozhong Tong, Shaojing Su, Siyang Huang, Zongqing Zhao, Desen Bu	FSIRD: Mining Frequency and Spatial Domain Features for InfRared Image Denoising

20250322	ChiaYang Fang, JuiChung Hung	Optimizing Convolutional Neural Networks Architectures with Genetic Algorithms for Enhanced Time Series Prediction
20250326	Dayong Liu, Zhiming Dong, Jiancheng Gao, Xuehuan Qiu	"Four-dimensional Integration" Intelligent Simulation System and Key Technology Analysis of Land Tactical Confrontation
20250329	Wei Yongtao, Kong Fanxi, Zhao Xing, Kou Zhiwei	Research on Path Planning for Power Inspection Robots Based on Improved Adaptive Multi-Modal Ant Colony Optimization Algorithm
20250371	Xiaosheng Wang, Wei Wang, Fengling He	A Method of Malicious Code Detection for Embedded Applications Based on Machine Learning
20250383	Jie Gao, Biyun Shi, Boyu Guo	Non-intrusive Load Monitoring based on Cnn-Bigru and Mountain Multi-Layer Attention Mechanisms
20250395	Xiangliang Tang, Jingxiang Zeng, Yiwei Zhang, Lei Li, Zhengji Zhang	Research on Road Roughness Simulation Optimized by Kalman Filter
20250401	Huimin Ma, Peiyuan Xie, Pengfei Xue, Yuwei Li, Yang Li	A Cross-Language Dynamic Vulnerability Detection Methodology Driven by Multi-Model Collaboration
20250404	Yanli Wei, Suzhi Zhang, Pu Li, Yushan Guo	A Recipe Entity Alignment Method Based on Cross-Modal Contrastive Learning
20250408	Yi Liu, Peng Lin, Bo Wang, Daoheng Ying, Lingzhi Zhu, Jun Wang, Tuo Zhao	DAS Data Denoising Method based on Attention Mechanism U-Net Network
20250419	Chang Li, Jie Jiang, ShuangHua Yang	E-bike Charging Activity Detection via Non-intrusive Load Monitoring
20250421	Yong Luo, HaoYu Li	Early Detection of Emergencies in Social Networks Based on BERT-BiLSTM Model
20250423	Yubo Han, Gang Yang, Shuping Han	A Doppler Shift Compensation Methodology for Underwater Mobile Broadband Signal Transmission Systems
20250424	ZihanSun, Sanming Wang	Research on intrusion detection of personnel in hazardous areas based on improved YOLOv8
20250427	Wei Nie, Bo Xiao	SAR Wideband Interference Suppression Method based on Bi-directional Time-frequency-multisqueezing Transform
20250431	Di Luo, Jishun Li, Jun He, Yasheng Zhang, Dengxiang Wu	Pulse Coherent Accumulation for Direct Localization of Ground-Based Emitters via Dual Satellites
20250435	Jianji Chen, SanMing Wang	Research on Fire Detection Based on Improved YOLOv11
20250438	Zhe Chen, Liguo Li, Jianxun Tang, Hongbing Qiu	DBN-YOLO: A Dynamic Sparse Deformable Instance Segmentation Method for Sonar Images
20250441	Xiangxun Li, SanMing Wang	Research on LNG Storage Tank Leakage Monitoring and Intelligent Diagnosis Based on Neural Network
20250443	Jizhe Lu, Enguo Zhu, Shuai Hou, Xiaosan Jiang, Xuan Li	Research on Key Technologies for Plug-and-Play In The Electricity Information Acquisition System
20250454	Wei Zhang	Multi-Agent DRL-based Resource Allocation for Heterogeneous Traffic in Multi-Cell Systems