

# 15th International Conference on Information Science and Technology

December 5 - 8, 2025

Zhanjiang, Guangdong, China



## Call for Papers

Sponsors and Organizers: Guangdong Ocean University,  
Guangdong University of Petrochemical Technology, and City University of Hong Kong  
Technical Co-sponsor: IEEE Systems, Man and Cybernetics Society

The 15th International Conference on Information Science and Technology (ICIST2025) will be held in Zhanjiang, Guangdong, China, December 5-8, 2025, following the successes of previous events. Situated in southwestern Guangdong on the Leizhou Peninsula near Qiongzhou Strait, Zhanjiang (known as Kwangchowwan over a hundred years ago) is the southmost city in mainland China. ICIST2025 aims to provide a high-level international forum for scientists, engineers, and educators to present the state of the art of research and applications in related fields. The conference will feature plenary speeches given by world-renowned scholars, regular sessions with broad coverage, special sessions focusing on popular topics, and post-conference workshops/tutorials in the region.

### Call for Papers and Special Sessions

Prospective authors are invited to contribute high-quality papers to ICIST2025. In addition, proposals for special sessions within the technical scopes of the symposium are solicited. Special sessions, to be organized by internationally recognized experts, aim to bring together researchers in special focused topics. Papers submitted for special sessions are to be peer-reviewed with the same criteria used for the contributed papers. Researchers interested in organizing special sessions are invited to submit formal proposals to ICIST2025. A special session proposal should include the session title, a brief description of the scope and motivation, names, contact information, and brief biographical information on the organizers.

**Topic Areas:** The topics of contributing papers include, but are not limited to, the following areas:

### Intelligent Control and Automation

Autonomous systems, linear and nonlinear control, learning and adaptive control, intelligent control, optimization-based and optimal control, fault detection and identification, hybrid intelligent systems, networked control, fuzzy logic control, industrial automation, neural control, process control, robot control, mechatronic systems, environmental monitoring and control, intelligent manufacturing systems, microprocessor-based control, motor control, power systems, vehicle control, aerospace applications, and other applications.

### Intelligent Information Processing

Machine learning, adaptive filtering, signal processing, audio/speech processing and coding, higher-order spectral analysis, nonlinear & blind signal processing, neural signal processing, component analysis, array signal processing, parallel and distributed processing, time series analysis, multimedia signal processing, design and implementation of signal processing systems, DSP implementations, embedded systems, image and multidimensional signal processing, image processing & understanding, computer vision & pattern recognition, bioimaging and signal processing, multimedia communications, computer vision & virtual reality, next-generation mobile communications, communication signal processing, modulation and channel coding, network coding, sensor networks, cryptography and information security, and other applications.

### Paper Submission

Authors are invited to submit full-length papers (8 pages maximum) by the submission deadline through the online submission system. Potential organizers are also invited to enlist five or more papers with cohesive topics to form special sessions. The submission of a paper implies that the paper is original and has not been submitted under review or is not copyright-protected elsewhere and will be presented by an author if accepted. All submitted papers will be refereed by experts in the field based on the criteria of originality, significance, quality, and clarity. The authors of accepted papers will have an opportunity to revise their papers and take into consideration the referees' comments and suggestions. All accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements. Selected high-quality papers will be included in several journal special issues.

### Important Dates

Paper submission deadline.....July 1, 2025  
Notification of acceptance.....August 1, 2025  
Camera-ready copy and author registration.....September 1, 2025  
Abstract submission deadline.....November 1, 2025

### General Chairs

Dongyang Fu, Guangdong Ocean University,  
Zhanjiang, China  
Jun Wang, City University of Hong Kong, Hong  
Kong

### Advisory Chairs

Delu Pan, Second Institute of Oceanography,  
Hangzhou, China  
Zhou Yang, Guangdong Ocean University,  
Zhanjiang, China  
Qinghua Zhang, Guangdong University of  
Petrochemical Technology, Maoming, China

### Organizing Chairs

Ji Wang, Guangdong Ocean University,  
Zhanjiang, China  
Yuqiang Yang, Guangdong Ocean University,  
Zhanjiang, China

### Program Chairs

Long Jin, Lanzhou University, Lanzhou, China  
Zhihui Zhan, Nankai University, Tianjin, China  
Jiliang Zhang, Northeastern University,  
Shenyang, China

### Special Sessions Chairs

Jianchao Fan, Dalian University of Technology,  
Dalian, China  
Bolin Liao, Jishou University, Jishou, China  
Lin Xiao, Hunan Normal University, Changsha,  
China

### Workshop/Tutorials Chairs

Xin Wang, Guilin University of Electronic  
Technology, Guilin, China  
Zhijun Zhang, South China University of  
Technology, Guangzhou, China

### Publications Chairs

Liangming Chen, Lanzhou University, Lanzhou,  
China  
Hua Xiao, Guangdong Ocean University,  
Zhanjiang, China  
Yinyan Zhang, Jinan University, Guangzhou,  
China

### Publicity Chairs

Shuai Li, University of Oulu, Oulu,  
Finland  
Nian Zhang, University of the District of  
Columbia, Washington, DC, USA

### Registration Chairs

Shenshen Gu, Shanghai University, Shanghai,  
China  
Ning Miao, City University of Hong Kong,  
Hong Kong  
Xiuchun Xiao, Guangdong Ocean University,  
Zhanjiang, China

### Secretariat

[icist@cs.cityu.edu.hk](mailto:icist@cs.cityu.edu.hk)

### Website

<https://conference.cs.cityu.edu.hk/icist/>



IEEE  
**SMC**  
Systems, Man, and Cybernetics Society