

# 12th International Conference on Intelligent Control and Information Processing

March 8 - 10, 2024 Nanjing, China



## Call for Papers

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

**Sponsor and Organizer: Nanjing University of Information Science and Technology**

**Co-Sponsors: Southeast University and City University of Hong Kong**

**Technical Co-sponsor: IEEE Systems, Man and Cybernetics Society**

The 12th International Conference on Intelligent Control and Information Processing (ICICIP2024) will be held in Nanjing, Jiangsu, China during March 8-10, 2024, following the successes of previous events. Situated in both sides of lower Yangtze River in southeastern China, in the site of ancient capitals of several dynasties over thousands of years, Nanjing is a big metropolitan city with about nine million people. ICICIP2024 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, and special sessions focusing on popular topics.

### Call for Papers and Special Sessions

Prospective authors are invited to contribute high-quality papers to ICICIP2024. 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 ICICIP2024. 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:** *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

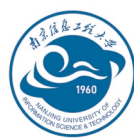
Machine learning, adaptive filtering, signal processing, audio/speech processing and coding, higher order spectral analysis, nonlinear & blind signal processing, neural signal processing, component analysis array signal processing, array signal processing, parallel and distributed processing, time series analysis, multimedia signal processing, design and implementation of signal processing systems, DSP Implementations and 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 consideration of 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

Special session proposals deadline.....October 1, 2023  
Paper submission deadline.....November 1, 2023  
Notification of acceptance.....December 1, 2023  
Camera-ready copy and author registration.....January 1, 2024



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

### General Chairs

Zhenyu Lu, Nanjing University of Information Science and Technology, Nanjing, China

Jun Wang, City University of Hong Kong, Hong Kong

### Program Chairs

Long Cheng, Institute of Automation, Chinese Academy of Sciences, Beijing, China  
Jianchao Fan, Dalian University of Technology, Dalian, China

Yousheng Xia, Nanjing University of Information Science and Technology, Nanjing, China

### Special Sessions Chairs

Long Jin, Lanzhou University, Lanzhou, China

Xinyi Le, Shanghai Jiao Tong University, Shanghai, China

Qingshan Liu, Southeast University, Nanjing, China

### Workshop & Tutorial Chairs

Quanbo Ge, Nanjing University of Information Science and Technology, Nanjing, China

Wenwu Yu, Southeast University, Nanjing, China

### Publications Chairs

Huan Rong, Nanjing University of Information Science and Technology, Nanjing, China

Jiasen Wang, Purple Mountain Laboratories, Nanjing, China

Xiaoxuan Wang, Nanjing University of Information Science and Technology, Nanjing, China

Qiang Yang, Nanjing University of Information Science and Technology, Nanjing, China

### Publicity Chairs

Yuming Feng, Chongqing Three Gorges University, Chongqing, China

Tingwen Huang, Texas A&M University at Qatar, Doha, Qatar

Wenyong Xu, Southeast University, Nanjing, China

Mingchuan Zhang, Henan University of Science and Technology, Luoyang, China

Nian Zhang, University of District of Columbia, Washington, DC, USA

### Registration Chairs

Shenshen Gu, Shanghai University, Shanghai, China

Hai Huan, Nanjing University of Information Science and Technology, Nanjing, China

Shaofu Yang, Southeast University, Nanjing, China

### Local Arrangements Chairs

Xudong Gao, Dongdong Xu, Jie Yang, Nanjing University of Information Science and Technology, Nanjing, China

### Secretariat

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