

ICSPS 2025

OCTOBER 24-26, 2025

CHENGDU

2025 the 17th International Conference on Signal Processing Systems (ICSPS) will be held in Chengdu, China during October 24-26, 2025. It is sponsored by University of Electronic Science and Technology of China, China, hosted by National Key Laboratory on Blind Signal Processing of University of Electronic Science and Technology of China, China, assisted by Jiangsu University of Science and Technology, China; Southwest Jiaotong University, China and Signal Processing Branch of the Chinese Institute of Electronics, China.

The conference committee invites submissions of applied or theoretical research as well as of application-oriented papers on all the topics of ICSPS. Papers submitted to ICSPS 2025 will be subject to a double-blind peer review based on originality, contributions, presentation, relevance to conference, etc.

CONFERENCE COMMITTEE

Honorary Chair

Saeid Sanei, Imperial College London, UK

Conference Chairs

Robert Minasian (IEEE Fellow), The University of Sydney, Australia

Li Chai, Zhejiang University, China

Qun Wan, University of Electronic Science and Technology of China, China

General Vice-chairs

Zhenkai Zhang, Jiangsu University of Science and Technology, China

Haiquan Zhao, Southwest Jiaotong University, China

Technical Program Chairs

Lyudmila Mihaylova, The University of Sheffield, UK

Abdel-Hamid Soliman, Staffordshire University, UK

Ping Wei, University of Electronic Science and Technology of China, China

Shaoshuai Gao, University of Chinese Academy of Sciences, China

Shuwen Xu, Xidian University, China

Technical Program Vice-chairs

Li Zhang, University of Leeds, UK

Yong Yang, National University of Defense Technology, China

Xionghou Liu, Northwestern Polytechnical University, China

Jun Liu, Chengdu University of Information Technology, China

Jie Zhuang, University of Electronic Science and Technology of China, China

Lin Gao, University of Electronic Science and Technology of China, China

Publication Chairs

Yipeng Liu, University of Electronic Science and Technology of China, China

Tao Zhou, Beijing Jiaotong University, China

Rui Yang, Chang'an University, China

Publicity Chairs

Chengwei Zhou, Zhejiang University, China

Feiyun Wu, JiMei University, China

Chenguang Shi, Nanjing University of Aeronautics and Astronautics, China

Biao Jin, Jiangsu University of Science and Technology, China

Rong Fan, Civil Aviation Flight University of China, China

Award Chairs

Jian Xue, Xi'an University of Posts & Telecommunications, China

Feng Xi, Nanjing University of Science and Technology, China

Yimao Sun, Sichuan University, China

Local Organizing Chair

Yongjun Huang, University of Electronic Science and Technology of China, China

Regional Chairs

Xiaochen Yuan, Macao Polytechnic University, Macao, China

Jingwei Xu, Xidian University, China

Fei Wang, Nanjing University of Aeronautics and Astronautics, China

Treasurer

Li Li, Southwest University of Science and Technology, China

PUBLICATION

Submitted paper will be peer reviewed by technical committee, and accepted papers after proper registration and presentation will be published in the conference proceedings.



CALL FOR PAPER

Track 1: Communication Signal Processing

- Modulation and Channel Coding
- Communication and Broadband Networks
- Signal Processing for Internet and Wireless Communications
- Data Communications

Track 2: Image and Video Processing

- Multidimensional Signal Processing
- Image/Video Processing and Coding
- Image Processing & Understanding
- Signal Processing and Communications
- Image Compression and Transmission

Track 3: Signal Processing in Biomedical Engineering

- Bioimaging and Its Signal Processing
- Biometrics & Authentication
- Biosignal Processing & Understanding
- Multimedia & Human-Computer Interaction
- Brain-Computer Interfaces

Track 4: Audio Signal Processing

- Spoken Language Processing
- Audio/Speech Processing and Coding
- Speech Processing and Transmission
- Speech Synthesis & Recognition
- Noise Suppression and Signal Enhancement
- Acoustic Signal Processing

Track 5: Machine Learning for Signal Processing

- Data Mining with Its Applications
- Deep Learning for Signal and Information Processing
- Machine Learning for Signal Processing
- Analog and Mixed Signal Processing

Track 6: Array Signal Processing

- Adaptive Beamforming
- DOA Technology with Applications
- Sensor Array and Multichannel Processing
- Space-Time Two-Dimensional Processing

Track 7: Radar Signal Processing

- Radar Resource Management
- Target Detection, Tracking and Localization
- Adaptive Waveform Optimization in Cognitive Radar Systems
- Integrated Radar and Communication System
- Cooperative Mission Assignment and Management in Radar Network

Track 8: Ocean Information Processing

- Signal Processing in Underwater Communications
- Sonar Signal Processing
- Navigation System Analysis and Design
- Sonar Signal Processing and Localization
- Signal Processing in Remote Sensing and Positioning

Track 9: Intelligence of System Communication, Control and Reliability

- Intelligent Robot
- Intelligent Control
- Embedded Vision

- Intelligent Electromechanical System

- Wireless Communications and Signal Processing

Track 10: Underwater Acoustic Signal Processing Theory, Method, and System

- Underwater Acoustic Target Detection and Estimation
- Underwater Acoustic Imaging and Tomography
- Underwater Acoustic Communication
- Underwater Acoustic Signal Analysis
- Underwater Acoustic System Performance Evaluation

Track 11: Blind Signal Processing

- Blind Multidimensional Signal Processing
- Blind Channel Estimation and Identification
- Noncooperative Source Detection, Localization and Tracking
- Source Feature Extraction and Recognition
- Blind Signal Separation

For more information, please visit: <https://www.icsps.org/cfp.html>

SUBMISSION

- **Submission Deadline:** May 15, 2025
- **Submission Requirement**

-**Language:** English is the official language of the conference. The paper should be written and presented only in English.

-**Submission Type:**

***Publication & Presentation**

Full paper submission is required if you consider publishing your paper. The full paper should be no less than 4 full pages in two columns, including all figures, tables, and references.

***Presentation Only**

Abstract submission is acceptable for presentation only without publication.

- **Submission Template:** <https://www.icsps.org/file/template.docx>
- **Submission Method:** The EasyChair Submission System. Link: <https://easychair.org/conferences/?conf=icsps2025>

For any inquiry about the submission and conference, please feel free to contact us at ICSPS_Conf@outlook.com.

More information, please visit: <http://www.icsps.org/sub.html>

Sponsored by



电子科技大学
University of Electronic Science and Technology of China

Hosted by



Assisted By



江苏科技大学
JIANGSU UNIVERSITY OF SCIENCE AND TECHNOLOGY



西南交通大学
Southwest Jiaotong University



Patrons



中国科学院大学
University of Chinese Academy of Sciences



Conference Secretary: Ms. Luna Wu

Email: ICSPS_Conf@outlook.com

Tel: +86-18000547208

Conference Website: <http://www.icsps.org/>

Office Time: 9:30-18:00, Monday to Friday (GMT+8 Time Zone)

CONTACT US