ICSPS 2024
NOV. 15-17, 2024
KUNMING

The 16th International Conference on Signal Processing Systems (ICSPS 2024) will be held in Kunming, China during November 15-17, 2024. It is organized by Kunming University of Science and Technology, China, co-organized by Jiangsu University of Science and Technology, China; Southwest Jiaotong University, China and National Key Laboratory on Blind Signal Processing of University of Electronic Science and Technology of China, China, assisted by the 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 2024 will be subject to a double-blind peer review based on originality, contributions, presentation, relevance to conference, etc.

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IEEE Fellow & SPIE Fellow
University of Calgary, Canada

Prof. De-Shuang Huang
IEEE Fellow / IAPR Fellow / AAIA Fellow
Eastern Institute of Technology, Ningbo, China

Prof. Bo Du
Dean of School of Computer Science
Wuhan University, China

Prof. Yiping Liu
University of Electronic Science and Technology of China, China

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 Assoc. Prof. Fan Rong
Civil Aviation Flight University of China, China

 Dr. Yue Yang
Sichuan University, China
CALL FOR PAPER

Track 1: Communication Signal Processing
Track Chairs: Assoc. Prof. L. Zhang, University of Leeds, UK; Prof. Tao Zhou, Beijing Jiaotong University, China; Prof. Zengli Liu, Kunming University of Science and Technology, China; Assoc. Prof. Yi PENG, Kunming University of Science and Technology, China; Assoc. Prof. Yee Yoo, Purple Mountain Laboratories, China

- Modulation and Channel Coding
- Data Communications
- Ad-Hoc and Sensor Networks

Track 2: Image and Video Processing
Track Chairs: Assoc. Prof. Xiaochen Yuan, Macao Polytechnic University, Macao, China; Dr. Yue Liu, Macao Polytechnic University, Macao, China

- Image and Multidimensional Signal Processing
- Signal Processing and Communications Education
- Watermarking and Information Hiding

Track 3: Signal Processing in Biomedical Engineering

- Bioimaging and Its Signal Processing
- Multimedia & Human-Computer Interaction
- Feature Extraction for Biomedical Signals

Track 4: Audio Signal Processing
Track Chairs: Prof. Haipeng Zhao, Southwest Jiaotong University, China; Assoc. Prof. Sheng Zhang, Southwest Jiaotong University, China; Assoc. Prof. Fuyi Huang, Guangxi University, China

- AudioSpeech Processing and Coding
- Noise Suppression and Signal Enhancement
- Spoken Language Processing

Track 5: Machine Learning for Signal Processing
Track Chairs: Assoc. Prof. Yang Su, Nanjing University of Information Science and Technology, China; Assoc. Prof. Fei Wang, Nanjing University of Aeronautics and Astronautics, China; Assoc. Prof. Qinghua Han, Zhejiang University, China

- Data Mining with its Applications
- Machine Learning for Signal Processing
- Blind Signal Processing with Applications

Track 6: Array Signal Processing
Track Chairs: Prof. Chenwei Zhou, Zhejiang University, China; Assoc. Prof. Chaoqun Yang, Southeast University, China; Dr. Hui Cao, Wuhan University of Technology, China

- DOA Technology with Applications
- Statistic Learning & Pattern Recognition
- Adaptive Beamforming

Track 7: Radar Signal Processing
Track Chairs: Prof. Shuwen Xu, Xidian University, China; Prof. Yong Yang, National University of Defense Technology, China; Assoc. Prof. Chenguang Shi, Nanjing University of Aeronautics and Astronautics, China; Assoc. Prof. Jian Xue, Xian University of Posts & Telecommunications, China

- Target Detection, Tracking and Localization
- Adaptive Waveform Optimization in Cognitive Radar Systems
- Integrated Radar and Communication System

Track 8: Ocean Information Processing
Track Chairs: Prof. Zhenhai Zhang, Jiangsu University of Science and Technology, China; Prof. Mao Yang, Jiangsu Ocean University, China

- Underwater Acoustic Signal Processing
- Navigation System Analysis and Design
- Signal Processing in Remote Sensing and Positioning

Track 9: Intelligence of System Communication, Control and Reliability
Track Chairs: Prof. Jian Liu, Chengdu University of Information Technology, China; Assoc. Prof. Xi Chen, Wuhan University of Science and Technology, China; Assoc. Prof. Jingwen Yi, Wuhan University of Science and Technology, China; Asst. Prof. Ran Duan, The Hong Kong Polytechnic University, Hong Kong, China

- Intelligent Electromechanical System
- Wireless Communications and Signal Processing
- Communications of Intelligent UAV Network

Track 10: Underwater Acoustic Signal Processing
Track Chairs: Prof. Xionghou Liu, Northwestern Polytechnical University, China; Assoc. Prof. Lei Xie, Northwestern Polytechnical University, China; Prof. Lei Chen, Zhejiang University, China; Assoc. Prof. Shuai Yao, Southeast University, China; Prof. Xiao Han, Harbin Engineering University, China; Assoc. Prof. Yufu QI, Institute of Acoustics, Chinese Academy of Sciences, China; Assoc. Prof. Yuehai Zhou, Xiamen University, China

- Underwater Acoustic Mode-based Signal Processing
- Underwater Acoustic Distributed Processing and Information Fusion
- Underwater Acoustic Imaging and Tomography

For more topics, please visit: http://www.icsps.org/cfp.html

SPECIAL SESSION

Special Session: Intelligent Analysis and Processing of Underwater Acoustic Signals
Session organizers: Prof. Feiyun Wu, JiMei University, China

The topics of interest include, but are not limited to:
- Hydroacoustic big data
- Research on the application of artificial intelligence technology in underwater acoustic communication, detection and identification
- AI and underwater acoustic signal processing

SUBMISSION

- Submission Deadline: August 15, 2024
- 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
- 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=icsps2024.

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

PUBLICATION

- Proceedings of ICSPS 2023 has been published by SPIE and indexed by EI Compendex and Scopus.
- Proceedings of ICSPS 2022 have been published by IEEE-CPS and indexed by EI Compendex and Scopus.
- Proceedings of ICSPS 2018-2021 have been published by SPIE and indexed by EI Compendex and Scopus.
- Proceedings of ICSPS 2016-2017 have been published by ACM and indexed by EI Compendex and Scopus.

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

PROGRAM OVERVIEW

<table>
<thead>
<tr>
<th>November 15, 2024</th>
<th>November 16, 2024</th>
<th>November 17, 2024</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-17:00</td>
<td>09:00-12:00</td>
<td>09:00 - 12:00</td>
</tr>
<tr>
<td>Onsite Registration &amp; Conference Materials Collection</td>
<td>Opening Ceremony &amp; Keynote Speeches</td>
<td>Invited Speeches &amp; Parallel Sessions</td>
</tr>
<tr>
<td>14:00-17:00</td>
<td>13:30 - 18:00</td>
<td>14:00-16:00</td>
</tr>
<tr>
<td>Committee Conference</td>
<td>Invited Speeches &amp; Author Sessions</td>
<td>City Tour</td>
</tr>
<tr>
<td>14:00-16:00</td>
<td>18:00-20:00</td>
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<tr>
<td>Campus Tour</td>
<td>Award Ceremony &amp; Dinner Banquet</td>
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