

# ICVISIP 2026

## 2026年第十届 视觉、图像与信号处理国际会议

2026 10<sup>th</sup> International Conference on Vision, Image and Signal Processing

### Welcome to ICVISIP 2026

It is with great pleasure that we invite you to the 2026 10th International Conference on Vision, Image and Signal Processing (ICVISIP 2026), which is organized by Hainan University, and is scheduled to take place from December 11-13, 2026, in Haikou, China.

ICVISIP is committed to delivering a platform for collaboration and discovery, with the aim of driving progress in image, vision, and signal processing—key technologies that are enhancing our understanding of the world and propelling advancements in artificial intelligence, machine learning, and a multitude of other applications that are transforming industries and improving lives.

We warmly invite your contributions and eagerly anticipate the opportunity to meet with you in person at ICVISIP 2026.

### Organizing Committee

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Hanyang Shi, Hainan University, China

### Keynote Speakers



#### Prof. Mingyi He

Northwestern Polytechnical University, China



#### Prof. Guangzhi Wang

Tsinghua University, China



#### Prof. Tae-Kyun (T-K) Kim

KAIST AGI Research Institute, South Korea



#### Prof. Sung-Bae Cho

Yonsei University, South Korea

### Topics of Interest

For more information, please visit: [www.icvisip.org/cfp.html](http://www.icvisip.org/cfp.html)

#### Computer Vision

- 3D Computer Vision
- Adversarial Attack and Defense

#### Image Processing

- Synthesis, Rendering, & Visualization
- Computational Imaging

#### Signal Processing

- Applied Signal Processing Systems
- Audio & Acoustic Signal Processing

#### Multimodal AI

- Multimodal Data Modeling
- Multimodal Data Fusion

#### Applications

- Augmented and Mixed Reality
- Autonomous Driving

- Deep Learning Architectures and Techniques
- Document Analysis and Understanding

- Restoration & Enhancement
- Image & Video Quality Models

- Biomedical Imaging & Signal Processing
- Compressive Sensing, Sparse Modeling

- Cross/Multi-modal Learning
- Multimodal Big Data Analytics and Visualization

- Low-Altitude Visual Perception and Understanding
- Mental Health and Cognitive Stimulation

- Embodied Vision
- Low-level Vision

- AI-Powered Image & Video Processing
- Medical Image Processing

- Machine Learning and Generative AI
- Sensor Array & Multichannel SP

- Multimodal Perception and Interaction
- Multimodal AI in Robotics

- Vision, Language, and Reasoning
- Vision Applications and Systems

### Tracks

For more information, please visit: [www.icvisip.org/tracks.html](http://www.icvisip.org/tracks.html)

**Track I** : The Application of Artificial Intelligence in the Field of Meteorology

**Track IV** : Signal Analysis, Feature Extraction and Intelligent Recognition

**Track VII**: Deep Models for Aerial Robotics: Perception, Reasoning, and Edge Computing

**Track X** : Weak and Small Object Recognition: Multimodal Perception, Robust Detection, and Edge Intelligence

**Track XIII**: Advances and Frontier Application in Intelligent Remote Sensing Interpretation

**Track II** : Advances in Hyperspectral Data Analysis and Processing

**Track V** : Biologically Inspired Vision and Image Processing

**Track VIII** : Intelligent MIMO Radar Sensing: Target Detection, Imaging, and Multimodal Recognition

**Track XI** : Vision-Driven Digital Twins: 3D/4D Reconstruction, Multimodal Data Fusion, and Physical-Virtual Synchronization

**Track XIV**: Embodied Visual Perception: From Passive Recognition to Proactive Understanding

**Track III**: Multi-Modal Perception and Affective Computing

**Track VI** : Advances in Low-Altitude and Maritime Target Detection and Environmental Sensing

**Track IX**: Image Recognition Technology and Intelligent Driving

**Track XII**: Medical Image and Signal Processing

### Publication

Registered and presented full papers will be included in the ICVISIP 2026 digital conference proceedings, which will be published by SPIE and submitted to major citation databases (including, but not limited to Ei Compendex and Scopus) for review and indexing.



### Publication History

#### ICVISIP 2017 | Osaka, Japan

Published by IEEE

ISBN: 978-1-5386-0612-4

EI Compendex & Scopus

#### ICVISIP 2020 | Virtually

Published by ACM

ISBN: 978-1-4503-8953-2

EI Compendex & Scopus

#### ICVISIP 2023 | Dali, China

Published by IET

ISBN: 978-1-83724-014-2

EI Compendex & Scopus

#### ICVISIP 2018 | Las Vegas, USA

Published by ACM

ISBN: 978-1-4503-6529-1

EI Compendex & Scopus

#### ICVISIP 2021 | Virtually

Published by IEEE

ISBN: 978-1-6654-0770-0

EI Compendex & Scopus

#### IEEE ICVISIP 2024 | Kunming, China

Published by IEEE

ISBN: 979-8-3315-4146-0

EI Compendex & Scopus

#### ICVISIP 2019 | University of British Columbia

Published by ACM

ISBN: 978-1-4503-7625-9

EI Compendex & Scopus

#### ICVISIP 2022 | Virtually

Published by IOP JPCS

ISSN: 1742-6596

EI Compendex & Scopus

#### ICVISIP 2025 | Xi'an, China

Published by IEEE

ISBN: 979-8-3315-5682-2

EI Compendex & Scopus

### Key Dates (The Third Round)

Abstract Submission Due: October 5, 2026

Full Paper Submission Due: October 19, 2026

Author Notification Due: November 8, 2026

Registration Due: November 22, 2026

Camera-ready Submission Due: November 22, 2026

Main Conference: December 11-13, 2026

### Submission

- Manuscripts submitted to the conference should be written in English only.
- Manuscripts submitted to the conference should follow the template provided.
- Manuscripts can be submitted in Doc, Docx and PDF format.
- Oral or Poster presentations should be nominated while submitting an abstract.
- The ordinary length is suggested no less than 5 pages, including all figures, tables, references, and appendices. If the paper exceeds 8 pages, the additional pages will be charged at the time of registration.

For paper template, please visit: [www.icvisip.org/sub.html](http://www.icvisip.org/sub.html)

Online Submission link:

<https://cmt3.research.microsoft.com/ICVISIP2026>

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