ICVISP 2026

2026年第十届 视觉、图像与信号处理国际会议

2026年12月11-13日 | 中国·海口

2026 10th International Conference on Vision, Image and Signal Processing

Welcome to ICVISP 2026

It is with great pleasure that we invite you to the 2026 10th International Conference on Vision, Image and Signal Processing (ICVISP 2026), which is organized by **Hainan University**, co-organized by **School of Computer Science, Hubei University**, **School of Electronics and Information Engineering, Anhui University**, and **Key Laboratory of Underwater Acoustic Communication and Marine Information Technology Ministry of Education**. It is scheduled to take place from December 11-13, 2026, in Haikou, China.

ICVISP 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 ICVISP 2026.

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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.icvisp.org/cfp.html

Computer Vision

- 3D Computer Vision
- Adversarial Attack and Defense
- Deep Learning Architectures and Techniques
- Document Analysis and Understanding
- Embodied Vision
- Low-level Vision

Image Processing

- Synthesis, Rendering, & Visualization
- Computational Imaging
- Restoration & Enhancement
- Image & Video Quality Models
- AI-Powered Image & Video Processing
- Medical Image Processing

Signal Processing

- Applied Signal Processing Systems
- Audio & Acoustic Signal Processing
- Biomedical Imaging & Signal Processing
- Compressive Sensing, Sparse Modeling
- Machine Learning and Generative AI
- Sensor Array & Multichannel SP

Multimodal AI

- Multimodal Data Modeling
- Multimodal Data Fusion
- Cross/Multi-modal Learning
- Multimodal Big Data Analytics and Visualization
- Multimodal Perception and Interaction
- Multimodal AI in Robotics

Applications

- Augmented and Mixed Reality
- Autonomous Driving
- Low-Altitude Visual Perception and Understanding
- Mental Health and Cognitive Stimulation
- Vision, Language, and Reasoning
- Vision Applications and Systems

Tracks

For more information, please visit: www.icvisp.org/tracks.html

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

Track II : Advances in Hyperspectral Data Analysis and Processing

Track III: Multi-Modal Perception and Affective Computing

Track IV : Signal Analysis, Feature Extraction and Intelligent Recognition

Track V : Biologically Inspired Vision and Image Processing

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

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

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

Track IX: Image Recognition Technology and Intelligent Driving

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

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

Track XII: Medical Image and Signal Processing

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

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

Publication

Registered and presented full papers will be included in the ICVISP 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.

SPIE. Compendex on Engineering Village Scopus

Publication History

ICVISP 2017 | Osaka, Japan
Published by IEEE
ISBN: 978-1-5386-0612-4
EI Compendex & Scopus

ICVISP 2018 | Las Vegas, USA
Published by ACM
ISBN: 978-1-4503-6529-1
EI Compendex & Scopus

ICVISP 2019 | University of British Columbia
Published by ACM
ISBN: 978-1-4503-7625-9
EI Compendex & Scopus

ICVISP 2020 | Virtually
Published by ACM
ISBN: 978-1-4503-8953-2
EI Compendex & Scopus

ICVISP 2021 | Virtually
Published by IEEE
ISBN: 978-1-6654-0770-0
EI Compendex & Scopus

ICVISP 2022 | Virtually
Published by IOP JPCS
ISSN: 1742-6596
EI Compendex & Scopus

ICVISP 2023 | Dali, China
Published by IET
ISBN: 978-1-83724-014-2
EI Compendex & Scopus

IEEE ICVISP 2024 | Kunming, China
Published by IEEE
ISBN: 979-8-3315-4146-0
EI Compendex & Scopus

ICVISP 2025 | Xi'an, China
Published by IEEE
ISBN: 979-8-3315-5682-2
EI Compendex & Scopus

Key Dates (Final Round)

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.icvisp.org/sub.html
Online Submission link:
https://cmt3.research.microsoft.com/ICVISP2026

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