

ICVISIP 2025

2025 9th International Conference on Vision, Image and Signal Processing

Vision, Image and Signal Processing in the Era of Multimodal AI

Organizers: Northwestern Polytechnical University
Xi'an University of Posts & Telecommunications

Tech Sponsors: Asia-Pacific Signal and Information Processing Association (APSIPA)
IEEE Xi'an Section

Hosted by: NPU - Shaanxi Key Lab of Information Acquisition and Processing & Int Center
XUPT - Shaanxi Key Lab of Information Communication Network and Security
Chang'an University - School of Data Science and Artificial Intelligence
Nanchang Hangkong University - School of Information Engineering



Welcome to ICVISIP 2025

It is with great pleasure that we invite you to the 2025 9th International Conference on Vision, Image and Signal Processing (ICVISIP 2025), which is scheduled to take place from November 28-30, 2025, in Xi'an, China. The conference is organized by Northwestern Polytechnical University and Xi'an University of Posts & Telecommunications, and technically sponsored by Asia-Pacific Signal and Information Processing Association (APSIPA) and IEEE Xi'an Section. 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 2025.

Committee

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Mingyi He, Northwestern Polytechnical University, China
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Award Chairs

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Junhui Hou, City University of Hong Kong, China

Call for Papers

For more information, please visit: www.icvisp.org/cfp
The topics of interest include, but are not limited to:

- ▶ **Computer Vision**
- ▶ **Image Processing**
- ▶ **Signal Processing**
- ▶ **Multimodal AI**
- ▶ **Applications**

Sessions

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

Session I - Multimodal Perception, Planning and Decision-Making

Session III - Radar System Design and Radar Target Detection and Perception

Session V - Low-Quality Image Enhancement and Restoration

Session VII- Sensor Array and Multichannel Signal Processing

Session II - Low-Cost Computing and Perception Methods

Session IV - Visual, Image and Signal Processing Innovative Application in the Field of Education

Session VI - Radar Signal and Information Processing

Session VIII - Advanced Scene Understanding Methods and Applications in Multi-Modal Data

Publication

Registered and presented full papers will be included in the ICVISIP 2025 digital conference proceedings (ISBN: 979-8-3315-5682-2), which will be published by IEEE and submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements, and also submitted to major citation databases (including, but not limited to Ei Compendex and Scopus) for review and indexing.



Key Dates

Abstract Submission Due: October 19, 2025
Full Submission Due: October 26, 2025
Notification: November 5, 2025
Registration Due: November 14, 2025
Final Paper Submission Due: November 14, 2025
Main Conference: November 28-30, 2025

Third Round

Submission

Online submission link:
<https://cmt3.research.microsoft.com/ICVISIP2025>

Or scan the QR Code:



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