

CALL FOR PAPERS

Track 3 “**Deep Learning Applications in Image and Video Processing**”

2026 8th International Conference on Image, Video and Signal Processing (IVSP 2026)

March 17-19, 2026 in Meiji University Surugadai Campus, Tokyo, Japan



ORGANIZED AND CHAIRED by

Organizer 1 Ran-Zan Wang, Yuan Ze University

Email: rzwang@saturn.yzu.edu.tw

Organizer 2 Shang-Kuan Chen, Yuan Ze University

Email: cotachen@saturn.yzu.edu.tw

SPECIAL SESSION DESCRIPTION (no more than 150 words)

Track 3 focuses on recent advances and emerging applications of deep learning techniques in image and video processing. With the rapid development of deep neural networks, learning-based approaches have become the dominant solutions for a wide range of visual tasks, including image and video enhancement, restoration, understanding, and generation. The session aims to bring together researchers and practitioners from both academia and industry to present novel methodologies, theoretical insights, and practical applications that leverage deep learning for image and video processing under challenging real-world conditions. Topics of interest include, but are not limited to, low-level vision, high-level perception, and cross-disciplinary applications. Contributions demonstrating innovative network architectures, learning strategies, and real-world deployment of deep learning models in image and video processing systems are particularly encouraged.

TOPICS COVERED (no more than 5)

- Deep learning for image and video enhancement and restoration
- Neural network architectures for low-level and high-level vision tasks
- Learning-based image and video understanding and analysis
- Multimodal and cross-domain image/video processing
- Real-world applications of deep learning in visual systems



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