

## Special Issue

# Machine Learning and Computer Vision for Image Processing and Recognition

### Message from the Guest Editors

Suggested themes for contributions to focus on include, but are not limited to, the following:

- Deep Learning Architectures for Image Analysis: Novel neural network designs for improved image classification, segmentation, and recognition.
- Real-Time Image Processing: Techniques for efficient and scalable image processing in dynamic environments.
- Multimodal Fusion: Integration of computer vision with other data modalities (e.g., text, audio) to enhance recognition performance.
- Medical Imaging: Applications of computer vision in diagnostics, treatment planning, and healthcare monitoring.
- Robust Object Detection and Tracking: Advanced algorithms for accurate detection, tracking, and identification in complex scenes.
- Explainable AI in Vision: Methods to enhance the transparency and interpretability of computer vision models.

We look forward to receiving your contributions.

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### Guest Editors

Dr. Wei Li

Dr. Xiaoming Li

Prof. Dr. Zongsheng Yue

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### Deadline for manuscript submissions

31 December 2025



## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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