# Special Issue

# Advances in Deep Learning for Open-World Computer Vision and Pattern Recognition

## Message from the Guest Editors

We are pleased to invite you to contribute to this Special Issue on “Advances in Deep Learning for Open-World Computer Vision and Pattern Recognition”. The aim of this Special Issue is to bring together cutting-edge research efforts that leverage the latest advances in deep learning to tackle open-world challenges in computer vision and pattern recognition. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Multimodal computer vision and pattern recognition;
- Open-world image recognition and understanding (including detection, classification, and segmentation, and enhancement);
- Advanced neural network architectures for visual representation;
- Few-shot, zero-shot, and other data-efficient learning strategies;
- Generative and self-supervised methods for robust visual understanding;
- Novel benchmarks, datasets, applications, and evaluation protocols for open-world vision tasks.

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## Deadline for manuscript submissions

15 May 2026


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### 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 guestedited by leading experts in selected topics of interest.

### Editor-in-Chief

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