

Special Issue

Applications of Artificial Intelligence in Computer Vision, 2nd Edition

Message from the Guest Editor

This Special Issue aims to bring together leading researchers and practitioners from academia and industry to discuss the latest advances, findings, and practical applications of AI in the field of computer vision. Scope and Topics The broad and interdisciplinary nature of artificial intelligence (AI) in computer vision makes it an engaging and impactful area for research. This Special Issue invites high-quality, original, and previously unpublished research papers, reviews, and case studies that contribute to this growing field. Topics of interest for submission include, but are not limited to, the following:

- Advanced machine learning and deep learning techniques for image and video analyses;
- Object detection, recognition, and tracking;
- Scene understanding and semantic segmentation;
- Three-dimensional vision and depth estimation;
- Face and gesture recognition;
- AI in medical image analyses;
- Augmented reality (AR) and virtual reality (VR) in computer vision;
- AI-driven surveillance and security systems;
- Real-time computer vision applications;
- Explainable AI in computer vision.

Guest Editor

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Deadline for manuscript submissions

closed (15 October 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 guestedited by leading experts in selected topics of interest.

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