

Special Issue

Artificial Intelligence in Image Processing and Computer Vision

Message from the Guest Editors

This Special Issue aims to provide a platform for researchers and practitioners to share their latest research findings, innovations, and applications in the field of AI for image processing and computer vision. We welcome contributions that address both theoretical and practical aspects of AI for all image analysis tasks. We also encourage submissions that explore the use of generative AI models and multimodal fusion techniques in image processing and computer vision. In addition, we strongly encourage submissions that address real-time applications of AI in image processing and computer vision for edge systems. With the increasing demand for real-time image analysis in various domains, there is a pressing need for AI-based solutions that can provide a fast and accurate analysis of visual data in real-time scenarios. The scope of the Special Issue encompasses a wide range of topics, including but not limited to:

- Advances in imaging techniques;
- Advances in scene understanding;
- Multi-modal data fusion;
- Vision for robotics;
- Acoustic imaging and applications;
- Real-time image processing in embedded systems.

Guest Editors

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Deadline for manuscript submissions

closed (15 August 2024)



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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.

Editor-in-Chief

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