

## Special Issue

# Artificial Intelligence Innovations in Image Processing

### Message from the Guest Editors

The rapid evolution of artificial intelligence (AI) technologies has profoundly impacted numerous scientific fields, with image processing standing out as a particularly transformative area. This Special Issue aims to showcase the latest innovations and research in the use of AI in image processing. It seeks to bring together pioneering studies and reviews that explore cutting-edge AI technologies, their application in image processing, and the challenges and solutions associated with these advancements. The suggested themes for contributions are not limited to:

- Advancements in Neural Networks for Image Enhancement;
- AI in Medical Image Processing;
- Machine Learning Techniques for Real-Time Image Processing;
- AI-Powered Image Segmentation and Recognition;
- Computer Vision and Deep Learning;

Through this Special Issue, we aim to provide a comprehensive overview of the current state and future potential of AI in the field of image processing, fostering a further innovation in this exciting and rapidly evolving field. We look forward to receiving your contributions.

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### Guest Editors

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### Deadline for manuscript submissions

15 January 2026



## 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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### Editor-in-Chief

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