

## Special Issue

# Modern Computer Vision and Image Analysis, 2nd Edition

### Message from the Guest Editors

This Special Issue aims to collect high-quality research papers that learn from limited samples and labeled data, computer vision and image processing applications (such as image classification, object detection, semantic segmentation, instance segmentation, etc.). This Special Issue also aims to publish new ideas, theories, solutions, and insights on this subject and display their relevant applications. Topics of interest in this Special Issue include, but are not limited to, the following:

- The theory of computer vision and image processing;
- Low-level visual understanding and image processing;
- 3D vision and reconstruction;
- Document analysis and identification;
- Target detection, tracking, and recognition;
- Behavior recognition;
- Multimedia analysis and reasoning;
- Medical image processing and analysis;
- Remote sensing image interpretation;
- Optimization and learning methods;
- Multimodal information processing;
- Performance measurement and benchmark databases;
- Video analysis and understanding;
- Visual application and systems.

### Guest Editors

Prof. Dr. Zhenghao Shi

Prof. Dr. Lifeng He

Dr. Miaohua Zhang

Prof. Dr. Jihua Zhu

Prof. Dr. Feng Zhao

### Deadline for manuscript submissions

31 August 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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