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

closed (31 August 2025)



Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



mdpi.com/si/227745

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

mdpi.com/journal/electronics





Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



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.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

