

Special Issue

Recent Applications of Feature Extraction Technologies in Video Analysis

Message from the Guest Editors

In today's digital landscape, video analysis is a cornerstone in understanding and harnessing the potential of visual data in modern systems. With an increase in the number of complex applications requiring humanoid intelligence, video analysis has become more crucial. Video data encapsulates a wealth of information that is crucial for system automation and intelligence. However, extracting meaningful insights from this data poses significant challenges, ranging from data processing intricacies to model development complexities. This Special Issue encompasses a broad spectrum of topics pertinent to feature extraction in video analysis, from data acquisition to quality enhancement, segmentation, and motion tracking. We welcome contributions that showcase advancements in machine learning and deep learning techniques, including large-scale/lightweight neural networks, domain adaptation, and transfer learning, focusing on industrial applications.

Guest Editors

Prof. Dr. Ricardo Malheiro

Prof. Dr. Rui Pedro Paiva

Dr. Renato Panda

Deadline for manuscript submissions

closed (15 April 2026)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/213959

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

[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)



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 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).