

Special Issue

Advances in Digital Signal and Image Processing, Techniques, and Computations with Multidisciplinary Applications

Message from the Guest Editor

This Special Issue aims to highlight innovative ideas and algorithms for treating different types of discrete signals using image processing algorithms. We welcome original and novel contributions, including research papers and extensive reviews, addressing the impact and relevance of electronic signal processing using image processing applications. We welcome submissions detailing new theories and evolutionary methods for digital signal processing using image processing approaches. A non-exhaustive list of topics is as follows:

- Digital signal processing using machine learning;
- Deep learning for digital signal processing;
- Image restoration and noise reduction;
- Image classification, segmentation, and clustering;
- Object detection and tracking;
- Medical imaging for EEG/ECG signal processing;
- Feature selection, extraction, and learning;
- Digital signal detection and recognition using image processing techniques;
- Motion analysis of digital signals.

Guest Editor

Dr. Honarvar Shakibaei Asli

Centre for Life-Cycle Engineering and Management, School of Aerospace, Transport and Manufacturing, Cranfield University, Cranfield MK43 0AL, UK

Deadline for manuscript submissions

closed (31 December 2024)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/130272

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).