# Special Issue

# Advances in Digital Signal and Image Processing, Techniques, and Computations with Multidisciplinary Applications, 2nd Edition

## 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 OAL. UK

## Deadline for manuscript submissions

closed (30 October 2025)



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## 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

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