

Special Issue

Applications of Artificial Intelligence in Image and Video Processing, 2nd Edition

Message from the Guest Editors

Deep learning has demonstrated remarkable research achievements in the field of computer vision and image processing. This Special Issue aims to facilitate the exchange of original and groundbreaking research among researchers and practitioners in this field.

Furthermore, the goal of this Special Issue is to cover the latest advancements, methodologies, and applications of deep learning in the field of image and video analysis. The following are the areas of interest for this Special Issue:

- Deep learning for object detection and recognition;
- Deep learning for image segmentation;
- Deep learning for image classification;
- Deep learning for video action recognition and activity detection;
- Deep learning for real-time deep learning architectures;
- Deep learning for super-resolution;
- Deep learning for image enhancement;
- Deep learning for inspection of some objects.

We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Jongnam Kim

Dr. Heung-Il Suk

Prof. Dr. Youngbong Kim

Deadline for manuscript submissions

closed (15 December 2025)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/241488

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).