

## Special Issue

# Advanced Machine Learning, Pattern Recognition, and Deep Learning Technologies: Methodologies and Applications

### Message from the Guest Editors

The aim of this topic is to highlight recent advances in machine learning, pattern recognition, and deep learning methodologies and theories. Papers with interesting/significant new applications of the above methods are also welcome. The topics of interest include, but are not limited to, the following:

- Advanced machine intelligence methods and applications;
- Advanced pattern analysis methods and applications;
- Deep-learning-based methods and applications;
- Biometric recognition algorithms and applications;
- Multi-view/-modal learning and fusion;
- Data mining and analysis;
- Hashing learning-based methods and applications;
- Dimensionality reduction and discriminant representation;
- Subspace learning and clustering;
- Graph learning-based methods and applications;
- Image super-resolution/enhancing/restoration;
- Advanced models in computer vision, such as object tracking and detection;
- Sparse representation and application.

---

### Guest Editors

Dr. Shuping Zhao

Dr. Jie Wen

Dr. Chao Huang

Dr. Bob Zhang

---

### Deadline for manuscript submissions

closed (28 February 2025)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/189717](https://mdpi.com/si/189717)

*Electronics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto: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).