

## Special Issue

# Advanced Application of Machine Learning and Meta-Learning in Image and Text Analysis

### Message from the Guest Editors

Machine learning is a key field of artificial intelligence and plays an important role in various image and text analysis tasks such as object recognition, motion detection, medical scan analysis, sentiment analysis, information retrieval, document clustering, image captioning, text to image generation, etc. This special issue focuses on the application of machine learning for image and text analysis, and meta-learning algorithms and applications for tasks that have limitations in applying machine learning due to the limited amount of available data. The topics of interest include but are not limited to:

- Machine Learning and Meta-Learning Theory
- Machine Learning for Image and Text Analysis
- Multi-Modal Machine Learning and Meta-Learning
- Meta-Learning for Computer Vision Tasks
- Meta-Learning for Natural Language Processing
- Meta-Learning in Reinforcement Learning
- Unsupervised and Self-supervised Meta-Learning
- Practical Application of Meta-Learning

[https://www.mdpi.com/journal/electronics/special\\_issues/ML\\_Image\\_Text](https://www.mdpi.com/journal/electronics/special_issues/ML_Image_Text)

### Guest Editors

Prof. Juntae Kim  
Prof. Nam Ik Cho  
Dr. Changwon Lim

### Deadline for manuscript submissions

closed (1 June 2022)



## Electronics

an Open Access Journal  
by MDPI

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/80635](https://www.mdpi.com/si/80635)

*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://www.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).