



## Advances in Computer Vision and Multimedia Information Processing

Guest Editors:

**Prof. Dr. Shaohui Lin**

School of Computer Science and Technology, East China Normal University, Shanghai 200062, China

**Dr. Fuhai Chen**

Department of Computer Science, The University of Hong Kong, Pokfulam 999077, Hong Kong

**Dr. Yunhang Shen**

Tencent YouTu Lab, Shanghai 200233, China

Deadline for manuscript submissions:

**closed (1 November 2023)**



[mdpi.com/si/135853](https://mdpi.com/si/135853)

### Message from the Guest Editors

Dear Colleagues,

Currently, the application of Computer Vision (CV) and Multimedia Information Processing (MIP) is extensive, feasible and sound. However, there are still several challenges regarding the implementation of CV and MIP, including noise samples, multimodal semantic gap, etc. Advanced CV and MIP technologies are urgently needed to mitigate these issues.

The focus of this Special Issue is related to the model design and implementation of advanced CV and MIP technologies. Topics of interest include (but are not limited to):

1. Novel CV and MIP learning methods and algorithms;
2. Compression and acceleration for CV and MIP models;
3. Effective multi-modality fusion methods for Multimedia applications;
4. High-performance CV and MIP methods for image classification, object detection, etc;
5. Interpretable methods for model understanding and data analysis;
6. Data-privacy protected CV and MIP technologies;
7. Effective learning from noisy data;
8. Model attack and defense for CV and MIP models.

Prof. Dr. Shaohui Lin

Dr. Fuhai Chen

Dr. Yunhang Shen

Guest Editors

# Special Issue



# electro

IMPACT  
FACTOR  
2.6

CITESCORE  
5.3

an Open Access  
Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Flavio Canavero

Department of Electronics and  
Telecommunications,  
Politecnico di Torino, 10129  
Torino, Italy

## 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 guest-edited by leading experts in selected topics of interest.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

## Contact Us

---

Electronics Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/electronics](http://mdpi.com/journal/electronics)  
[electronics@mdpi.com](mailto:electronics@mdpi.com)  
[X@electronicsMDPI](https://twitter.com/electronicsMDPI)