Special Issue

Advances in Computer Vision and Multimedia Information Processing

Message from the Guest Editors

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):

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

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)

Electronics

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 guest-edited 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 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

MDPI