

Special Issue

Emerging Trends in Advanced Video and Sequence Technology

Message from the Guest Editors

With the expansion of short-video applications, video surveillance, intelligent video analysis, as well as general sensor-based sequence processing, such as lidar or mobile sensors, and combined video/sensor applications, such as autonomous driving, video and general sequences have become more and more popular. This Special Issue focuses on the emerging trends in advanced video and sequence technologies. Specific topics of interest include, but are not limited to:

- Video coding, including deep learning enhanced methods, fully deep learning-based methods;
- Video processing, including super-resolution, denoising;
- 3D video processing, including video-based depth estimation, vision based autonomous driving;
- Video/sequence-based recognition, including action recognition, skeleton-based action recognition, video-based object detection/segmentation, smartphone-based recognition;
- New video/sequence representation format, including light field, virtual reality;
- Various sequence applications and processing methods;
- New tools for video/sequence processing, including enhanced and specialized transformer, IndRNN, and others.

Guest Editors

Prof. Dr. Shuai Li

Dr. Yanbo Gao

Dr. Chuankun Li

Dr. Jin Wang

Prof. Dr. Yimin Zhou

Deadline for manuscript submissions

closed (15 September 2023)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/135820

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).