

## Special Issue

# Digital Signal, Image and Video Processing for Emerging Multimedia Technology, Volume II

### Message from the Guest Editor

Recent developments in image/video-based deep learning technology have enabled new services in the field of multimedia and recognition technology. The recent realistic media services, mixed reality, augmented reality and virtual reality media services also require very high-definition media creation, personalization, and transmission technologies, and this demand continues to grow. This Special Issue invites topics broadly across the advanced signal, image and video processing algorithms and technologies for emerging multimedia services, some specific topics include, but are not limited to:

- Signal/image/video processing algorithm for advanced machine learning
- Fast and complexity-reducing mechanisms to support real-time systems
- Protecting technologies for privacy/personalized information
- Advanced circuit and system design and implementation for emerging multimedia services
- Image/video-based recognition algorithms using deep neural networks
- Novel applications for emerging multimedia services
- Efficient media sharing schemes in distributed environments

### Guest Editor

Prof. Dr. Byung-Gyu Kim

Division of AI Engineering, Sookmyung Women's University, Seoul 04310, Republic of Korea

### Deadline for manuscript submissions

closed (31 August 2022)



## Electronics

an Open Access Journal  
by MDPI

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/56491](https://mdpi.com/si/56491)

*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 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), CAPus /  
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).