

## Special Issue

# Human-Computer Interaction and Artificial Intelligence in VR/AR/MR Application

### Message from the Guest Editors

AI (Artificial Intelligence) and XR (eXtended Reality) technologies are widely utilized in all areas in which data are produced and in all areas that require the Metaverse, respectively. AI algorithms and modeling technologies are rapidly developing, with the industry releasing lightweight and high-performance XR devices based on the computing power of advanced computer hardware. When people apply these technologies, the HCI field offers various methodologies to help users utilize them properly and safely. This Special Issue focuses on state-of-the-art research in various new computer-science-based technologies, including AI, machine learning, deep learning, computer vision, virtual reality, augmented reality, extended reality, and HCI-based convergence and application technologies. This Special Issue aims to inspire and motivate many researchers in the field of computer science by illuminating the development of various technologies, and discovering and sharing fields that can be applied to them.

### Guest Editors

Prof. Dr. Kibum Kim

Department of Human-Computer Interaction, Hanyang University, Ansan 15588, Republic of Korea

Dr. Huawei Tu

Department of Computer Science and Information Technology, La Trobe University, Melbourne, VIC 3086, Australia

### Deadline for manuscript submissions

closed (20 February 2025)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/191404](https://mdpi.com/si/191404)

*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 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).