

## Special Issue

# Future Trends and Challenges in Human-Computer Interaction

### Message from the Guest Editors

The purpose of this Special Issue is to acquire novel trends concerning the HCI and share them with the wider community in support of the democratisation and sustainability of the HCI discipline, along with its fusion across heterogeneous domains. We aim to address recent HCI advances in both human-centred artificial intelligence and intelligent environment areas to delineate a future research roadmap. We invite submissions in the form of original and empirical research, use cases and review papers aligning with one or more of the following themes:

- The democratisation and sustainability of HCI;
- Human-centred artificial intelligence, e.g., human usage, access and evaluation of AI technology;
- The HCI and interaction design with big data analytics;
- The HCI in automation and ethics;
- Novel approaches in user experience and interaction design;
- Human factors and human behavioural analysis in intelligent environments;
- Diversity-, accessibility- and inclusivity-centred research in the HCI;
- The HCI in assistive technology and digital health.

---

### Guest Editors

Prof. Dr. Huseyin Dogan

Prof. Dr. Nan Jiang

Prof. Dr. Kerem Rizvanoglu

---

### Deadline for manuscript submissions

closed (22 February 2024)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/142183](https://mdpi.com/si/142183)

*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).