

## Special Issue

# Intelligent Applications of Human-Computer Interaction

### Message from the Guest Editors

This Special Issue is dedicated to exploring current trends, research challenges and opportunities related to intelligent human–computer interaction from a twofold perspective. Firstly, the computational perspective, by investigating how to innovatively use artificial intelligence technologies for human–computer interaction issues. Secondly, the applicative perspective, by understanding how intelligent solutions for equipping technological devices with human communication skills can be applied to various human activity domains. Topics of interest include (but are not limited to):

- Interactive applications implementing natural and efficient intelligent interaction paradigms;
- Enhanced HCI applications applying human-centered/interactive machine learning, human-in-the-loop AI, human–AI collaboration, human-controlled autonomy and responsible AI;
- Deep-learning methods for human–machine interaction;
- Adaptivity, context sensitivity and task assistance for AI-powered user interaction.

---

### Guest Editors

Dr. Arianna D'Ulizia

Dr. Patrizia Grifoni

Dr. Fernando Ferri

---

### Deadline for manuscript submissions

closed (15 February 2024)



## Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/135869](https://mdpi.com/si/135869)

*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), 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).