



## Recent Advances in Extended Reality

Guest Editors:

**Dr. Kangsoo Kim**

**Dr. Myungho Lee**

**Dr. Dongsik Jo**

**Dr. Gun Lee**

**Dr. Hanhoon Park**

Deadline for manuscript  
submissions:

**closed (29 February 2024)**

### Message from the Guest Editors

Recent technical advances and research in extended reality (XR), which broadly includes virtual, augmented, and mixed reality (VR, AR, and MR, respectively), enable us to extend our experience and abilities in various contexts. For example, VR users naturally and intuitively interact with remote users in immersive social virtual environments using their embodied avatars; AR users extend their sensory perception and knowledge through additional sensing devices equipped with AR displays; and in situ intelligent virtual entities are augmented into the real world.

We are pleased to invite diverse research that covers different disciplines and perspectives, including, but not restricted to, the following topics:

- New XR frameworks and platforms;
- Sensing and tracking for XR;
- Usability and user experience (UX) studies;
- Human factors and ergonomics in XR;
- Perception and cognition in XR;
- Virtual avatars and agents;
- Human–robot interaction with XR;
- Remote collaboration and learning in XR;
- Context-aware XR systems;
- IoT and 5G for XR;
- Industrial and occupational XR applications





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Flavio Canavero**

Department of Electronics and  
Telecommunications,  
Politecnico di Torino, 10129  
Torino, Italy

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, and other databases.

**Journal Rank:** JCR - Q2 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

## Contact Us

---

Electronics Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/electronics](http://mdpi.com/journal/electronics)  
[electronics@mdpi.com](mailto:electronics@mdpi.com)  
[X@electronicsMDPI](https://x.com/electronicsMDPI)