

Special Issue

Human–Machine Interaction in Metaverse

Message from the Guest Editors

Human–machine interfaces are transforming into tools for conveying increasingly natural modes of communication between human and machine.

Advances in the development of extended-reality technologies and fully immersive wearable devices are turning computers into portals to new worlds. The Metaverse even holds the promise of facilitating people’s accessibility and inclusion in society, breaking down boundaries and democratizing access to key goods, services and experiences.

In this Special Issue, we aim to provide a forum for colleagues to report their most up-to-date research findings in the field of HCI, focusing on the impact of XR technologies, spanning virtual, augmented, and mixed reality applications and their potential to change human perception and interaction with systems in society.

The topics of interest include, but are not limited to:

- Design for inclusion in the Metaverse;
- XRT and metaverse for cultural heritage;
- Innovative methods and tools for UX assessment in metaverse;
- Intelligent and emotion-aware interfaces in metaverse;
- Multimodal and immersive interfaces.

Guest Editors

Dr. Silvia Ceccacci
Dr. Andrea Generosi
Prof. Dr. Maura Mengoni

Deadline for manuscript submissions

closed (20 December 2023)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/148025

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/

[applsci](https://mdpi.com/journal/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)