



New Insights on Haptics and Human–Computer Interaction Systems in Virtual Reality

Guest Editors:

Dr. Panagiotis Kourtesis

1. Department of Psychology, The American College of Greece, 15342 Athens, Greece
2. Department of Psychology, University of Edinburgh, Edinburgh EH8 9AD, UK
3. Department of Psychology, National and Kapodistrian University of Athens, 15784 Athens, Greece

Dr. Domna Banakou

Arts and Humanities Division,
New York University Abu Dhabi,
Abu Dhabi, United Arab Emirates

Deadline for manuscript
submissions:

30 September 2024

Message from the Guest Editors

This Special Issue is dedicated to fostering the exchange of the latest advances in VR, haptics, and HCI systems. We aim to highlight cutting-edge research that not only pushes the boundaries of what is possible but also critically examines the interaction between humans and computers in virtual contexts. We encourage submissions that explore new theories, build upon existing technologies, and provide innovative solutions to the challenges faced in these dynamic fields. Topics of interest for this Special Issue include, but are not limited to, the following:

- The development and evaluation of haptic interfaces and devices and HCI systems;
- Innovative HCI methodologies in VR settings;
- Multisensory feedback and its integration in VR systems;
- Wearable haptic devices for immersive experiences;
- Adaptive and intelligent interfaces in human–computer interaction;
- The applications and implications of VR and haptics in training, rehabilitation, and therapy;
- Emerging technologies for interactions in VR, such as brain–computer interfaces and AI-driven systems;
- Cross-modal experiences and their influence on user perception in VR.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

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

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)