

## Special Issue

# Networked Virtual Reality, Mixed Reality and Augmented Reality Systems

### Message from the Guest Editors

This Special Issue aims to explore the latest advancements and research in Networked VR/MR/AR Systems, providing a platform for researchers and practitioners to share their innovative ideas, methodologies, and results. We welcome state-of-the-art research papers but also survey papers that synthesise existing knowledge. Topics of interest include, but are not limited to:

- Networked VR/MR/AR frameworks and architectures;
- Multi-device VR/MR/AR systems;
- Multi-user interaction and communication in networked environments;
- Networked interaction techniques;
- Networked haptic feedback and sensory augmentation;
- Remote rendering for VR/MR/AR;
- Networking protocols and infrastructure for VR/MR/AR;
- VR/MR/AR for remote collaboration and telepresence;
- Human-computer interaction in networked VR/MR/AR;
- Applications of networked VR/MR/AR in healthcare, education, gaming, and beyond;
- Multi-device collaboration in networked extended reality environments.

---

### Guest Editors

Dr. Jorge C. S. Cardoso

Centre for Informatics and Systems of the University of Coimbra,  
Department of Informatics Engineering, University of Coimbra, 3030-  
790 Coimbra, Portugal

Dr. Thiago Malheiros Porcino



## Virtual Worlds

---

an Open Access Journal  
by MDPI

---



[mdpi.com/si/180897](https://mdpi.com/si/180897)

*Virtual Worlds*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[virtualworlds@mdpi.com](mailto:virtualworlds@mdpi.com)

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





# Virtual Worlds

---

an Open Access Journal  
by MDPI

---



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



## About the Journal

### Message from the Editor-in-Chief

---

#### Editor-in-Chief

Prof. Dr. Anton Nijholt

Department of Human Media Interaction, Faculty EEMCS, University of Twente, P.O. Box 217 Enschede, The Netherlands

---

#### Author Benefits

##### Open Access:

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

##### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 36.6 days after submission; acceptance to publication is undertaken in 7.4 days (median values for papers published in this journal in the first half of 2024).

##### Recognition of Reviewers:

APC discount vouchers, optional signed peer review, and reviewer names published annually in the journal.