





an Open Access Journal by MDPI

# **Recent Advances in Virtual Reality and Augmented Reality**

Guest Editors:

### Prof. Dr. Kiyoshi Kiyokawa

Cybernetics and Reality Engineering (CARE) Laboratory, Nara Institute of Science and Technology, Ikoma, Japan

## Prof. Dr. Mark Billinghurst

1. School of Information Technology and Mathematical Sciences, University of South Australia, Adelaide, SA 5000, Australia

2. Empathic Computing Laboratory, The University of Auckland, Auckland 1010, New Zealand

Deadline for manuscript submissions:

closed (30 June 2021)

# **Message from the Guest Editors**

This Special Issue calls for many interesting studies that will open up new horizons of VR and AR. In addition to research that has steadily improved existing issues, we welcome research papers that present new possibilities of VR and AR. Topics of interest include but are not limited to the following:

- 360 video;
- VR/AR applications;
- Artificial intelligence/machine learning for VR/AR;
- Brain science for VR/AR:
- VR/AR collaboration:
- Computer graphics for VR/AR;
- Computer vision for VR/AR;
- Content creation and management for VR/AR;
- Context awareness for VR/AR;
- Education with VR/AR;
- Multimodal VR/AR:
- Display technologies for VR/AR;
- Ethics/humanity in VR/AR;
- Human augmentations with VR/AR;
- Human-computer interactions in VR/AR:
- Human factors in VR/AR:
- Perception/presence in VR/AR:
- Physiological sensing for VR/AR;
- User experience/usability in VR/AR;
- Virtual humans/avatars in VR/AR;
- Visualization/visual analytics with VR/AR;
- Wellbeing with VR/AR.



Specialsue







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, Ei Compendex and other databases.

**Journal Rank:** JCR - Q2 (Physics, Applied) / CiteScore - Q1 (Electrical and Electronic

Engineering)

### **Contact Us**