



sensors



an Open Access Journal by MDPI

Development of Virtual and Augmented Reality Systems for Health and Clinical Assessment

Guest Editors:

Dr. Patricia Sánchez González

Biomedical Engineering and
Telemedicine Centre, ETSI
Telecomunicación, Center for
Biomedical Technology,
Universidad Politécnica de
Madrid, 28040 Madrid, Spain

Dr. Ignacio Oropesa

Biomedical Engineering and
Telemedicine Centre, ETSI
Telecomunicación, Centre for
Biomedical Technology,
Universidad Politécnica de
Madrid, 28040 Madrid, Spain

Deadline for manuscript
submissions:

closed (20 May 2023)

Message from the Guest Editors

Virtual reality (VR) and augmented reality (AR) are redefining what is possible in healthcare. These technologies are becoming more widespread every day, thanks to the recent availability of cheap commercial solutions. Novel applications are being continuously pursued to develop new effective and engaging interventions. Thus, the number of potential applications of VR and AR is also growing constantly, including health promotion, management and care.

The purpose of this Special Issue is to present the recent advancements in VR and AR systems in healthcare applications. Areas of interest of these systems are numerous. These include: lifestyles education, patient rehabilitation, medical and surgical training, clinical assessment of elderly people, paediatric patients and pain management

Contributions may focus on preliminary feasibility of applied innovative technologies or novel applications for existing ones. Studies may cover different stages of the technological and clinical validation.



mdpi.com/si/79733

Special Issue



sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

Author Benefits

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

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)