

Special Issue

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

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.

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)



Sensors

an Open Access Journal
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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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

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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.

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

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