

Special Issue

Serious Games and Mixed Reality Applications for Healthcare

Message from the Guest Editors

This Special Issue aims at gathering and publishing original scientific contributions that explore opportunities and address challenges in both theoretical and applied aspects of VR-AR and MR applications in healthcare. Potential topics include but are not limited to the following:

- Serious games for cognitive and motor rehabilitation;
- Serious games for medical and surgical training and education;
- Mixed reality applications for physical rehabilitation;
- Mixed reality applications in computer-assisted surgery;
- Mixed reality hardware/software systems for rehabilitation, medicine, and surgery;
- Wearable technologies for mixed reality applications in healthcare;
- Validation studies of simulators in healthcare;
- Physiological signal processing for validation and testing of serious games and mixed reality applications in Healthcare;
- Investigation of mixed reality cognitive and perceptual issues.

Guest Editors

Prof. Marco Gesi

Dr. Sara Condino

Prof. Giuseppe Turini

Dr. Rosanna Maria Vigliani

Dr. Marina Carbone

Deadline for manuscript submissions

closed (10 January 2022)



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About the Journal

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.

Editor-in-Chief

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