



Virtual Reality Applications for Neurorehabilitation

Guest Editors:

Dr. Caterina Cinel

Brain-Computer Interfaces and
Neural Engineering Laboratory,
School of Computer Science and
Electronic Engineering, University
of Essex, Wivenhoe Park,
Colchester CO4 3SQ, UK

Dr. Saugat Bhattacharyya

School of Computing,
Engineering & Intelligent
Systems, Ulster University,
Londonderry BT48 7JL, UK

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Message from the Guest Editors

The remarkable advancements of immersive technologies over the last decades have made it increasingly affordable and popular in recent times. This has led to tremendous interest in the use of these tools in neuroscience and neurotechnology. Through immersive virtual reality, one can digitally reproduce a real-life environment and, hence, there is great potential to understand the complex dynamics of the human brain.

VR can be used for cognitive training, and patients can work their cognitive abilities while also integrating rehabilitation aspects. Functional rehabilitative goals can be programmed into the virtual reality experience to improve patient engagement in the therapy while helping them rebuild their neurological pathways and inevitably giving them the exercise they need. For this Special Issue, we invite authors to submit their research related to the use of virtual reality for neurorehabilitation, including in brain-computer interfacing and other healthcare applications.





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Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience,
University of Pittsburgh,
Pittsburgh, PA 15260, USA

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Contact Us

Brain Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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