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Extended Reality: Applications in Rehabilitation

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Message from the Guest Editors

The field of rehabilitation is ideally suited to the development of novel applications of extended reality (XR) technologies. Applications range from immersive experiences for treating post-traumatic stress injury to wheelchair athlete performance optimization. Immersive experiences can be provided in large VR caves or using a cell phone.

This Special Issue will focus on research evidence that supports applications of XR in rehabilitation, demonstrating the potential for XR for studying real world problems linked to the biomechanics of movement and the application of XR to mitigate lost mobility due to pain or physical deconditioning. The societal impact of these immersive experiences has the potential to be substantial as our populations age and cultural changes come to recognize the importance of treating occupational stress injuries.

Prof. Dr. Pierre Boulanger
Prof. Martin Ferguson-Pell
Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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