



Extended Reality: A New Way of Interacting with the World

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Message from the Guest Editors

Extended reality (XR) is a technological umbrella that brings together virtual reality (VR), augmented reality (AR) and mixed reality (MR) technologies.

This technology enables an extension of the real world by increasing innovative functionalities that allow the user to perceive their surrounding reality in a different and enhanced way, simulating the real world or extending it through the combination of virtual elements. Virtual content is mixed with reality and the user can interact with both the real environment and virtual objects.

Extended reality has great potential in many sectors ranging from medicine and surgery to cultural heritage, industry, tourism, retail and marketing, education and gaming, and its diffusion is demonstrated by the increasing investments promoted by companies.

To allow extended reality to become part of our daily lives, there are still some challenges to overcome.

This Special Issue solicits submissions of high-quality original research papers on any aspect and application of extended reality.





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