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Extended Reality in Medicine and Healthcare: Methods, Technologies, Applications and Future Trends

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Message from the Guest Editors

Extended Reality (XR), a term that encompasses virtual, augmented, and mixed reality, has the potential to revolutionize healthcare and medicine. From training healthcare professionals to enhancing patient care, XR can offer new ways to learn, diagnose, treat, and rehabilitate patients. As the technology continues to improve and become more accessible, the healthcare industry must explore its potential and address its challenges.

This Special Issue aims to provide a forum for researchers, practitioners, and experts to share their latest findings, insights, and experiences in using XR for healthcare and medicine. We invite original research articles, reviews, case studies, and perspectives.

This Special Issue addresses interactive technologies and systems, such as head-mounted displays, that can be employed for extended reality applications in medicine and health. Such topics comply with the scope of *Sensors*, including “Sensor technology and application”, “Human–computer Interaction”, “Vision/camera based sensors”, and “Sensing and imaging”.



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Special Issue



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Message from the Editor-in-Chief

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.

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