

Special Issue

The Evolution of Extended Reality (XR): Breakthrough Applications Beyond Entertainment

Message from the Guest Editors

Extended Reality (XR), encompassing virtual reality (VR), augmented reality (AR), and mixed reality (MR), is rapidly evolving, transforming many fields beyond traditional entertainment applications. This Special Issue of the scientific journal aims to explore the latest advancements and future directions of XR development and their impact on diverse areas such as education, healthcare, industry, architecture, art, and more. We invite researchers and practitioners to share their findings, analyses, and case studies that demonstrate how XR is revolutionizing non-entertainment sectors, bringing new opportunities and challenges. We invite the submission of research articles, review papers, and case studies showcasing the wide range of XR applications in non-entertainment contexts. Interdisciplinary approaches and international collaborations that highlight the potential and challenges of extended reality across various fields are especially welcome.

- virtual reality
- augmented reality
- mixed reality
- immersive technologies
- cognitive research
- perception
- interaction

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Deadline for manuscript submissions

closed (20 February 2025)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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