

Special Issue

Immersive Realities: Transformations and Challenges in VR, AR, XR, and the Metaverse

Message from the Guest Editors

Virtual Reality (VR), Augmented Reality (AR), and Extended Reality (XR) are transforming the technological landscape, offering immersive experiences that seamlessly blend digital and physical worlds. This concept promises to revolutionize the way we interact with technology and each other, presenting new opportunities and challenges for developers, businesses, and users alike. This Special Issue aims to address these questions and more by providing a platform for cutting-edge research and discussion. The topics include, but are not limited to, the following:

- Innovations in VR, AR, and XR hardware and software;
- Novel immersive gaming and entertainment experiences;
- Breakthroughs in healthcare and rehabilitation applications;
- Educational transformations through immersive technologies;
- Industrial and enterprise applications of AR and XR;
- The metaverse: building a comprehensive digital universe;
- Enhancements in user experience and human-computer interaction;
- Ethical, social, and psychological implications of immersive technologies;
- Future trends and speculative innovations.

Guest Editors

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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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