

Special Issue

Emerging Technologies in Augmented, Virtual, and Mixed Reality: Advancing Human Experience in Digital and Physical Environments

Message from the Guest Editor

The rapid evolution of augmented reality (AR), virtual reality (VR), and mixed reality (MR) technologies is creating unique opportunities to enhance human experiences among multiple domains. Immersive technologies are gradually going beyond their technical specifications to influence social and environmental dynamics, cultural expressions, education, and personal well-being. As the interaction between physical and digital realities continues to increase, a more profound understanding of these technologies' technical aspects and social implications becomes a fundamental research point. This Special Issue aims to explore the nature of AR, VR, and MR as technical systems and their potential as social instruments. We seek contributions that investigate how AR/VR/MR applications enable meaningful human experiences in areas such as cultural heritage, visual arts, education, social interaction, workplace enhancement, experiential learning, and improved well-being across diverse contexts.

Guest Editor

Dr. Ivonne Angelica Castiblanco Jimenez
Department of Psychology, University of Turin, 10124 Turin, Italy

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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

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