

Special Issue

Display and Imaging Systems for AR and VR Applications

Message from the Guest Editors

Virtual reality and augmented reality are known as the metaverse, which appears to be one of the most popular terms adopted over the internet recently, and cater for the next evolution of social interactions. VR and AR head-mounted displays (HMDs) provide the basic infrastructure for the metaverse. Both VR- and AR-HMDs consist of display and optics solutions. To highlight the latest research progress in VR/AR HMD techniques, including microdisplay technologies and VR/AR optical solution design theories, methods, manufacturing, measurement, and precision adjustment, we are launching this Special Issue entitled *Display and Imaging Systems for AR and VR Applications* in October 2022. We invite you to make a contribution to this issue. This Special Issue invites research and review articles related to the scientific understanding of VR/AR near-eye displays, technological innovation in VR/AR HMDs or near-eye display methods, and related micro-display technologies. Application areas of interest include, but are not limited to, virtual reality, augmented reality, wearable displays, and entertainment.

Guest Editors

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Deadline for manuscript submissions

closed (30 October 2022)



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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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