Special Issue

Innovation and Technology of Computer Vision

Message from the Guest Editors

This Special Issue on Innovation and Technology of Computer Vision in *Electronics* explores cutting-edge advancements and applications of computer vision in digital twin systems. Digital twins serve as virtual representations of physical systems, enabling real-time data integration, analysis, and decision-making across various industries. Computer vision plays a crucial role in enhancing the functionality of digital twins by enabling precise 3D modeling, defect detection, and real-time updates. This Special Issue welcomes original research and review articles focusing on innovative methodologies, frameworks, and applications that integrate computer vision into digital twin systems. Topics of interest include real-time data fusion, AI-driven visual analytics, and advancements in image processing and simulation techniques. By addressing emerging challenges in accuracy, scalability, and implementation, this Special Issue aims to push the boundaries of how computer vision can contribute to the evolution of digital twin technologies.

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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

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