

Special Issue

Teleoperation of Semi-Autonomous Systems

Message from the Guest Editors

The aim of this Special Issue is to present recent advances, challenges, and innovations in the teleoperation of semi-autonomous systems across a variety of domains, including robotics, autonomous vehicles, unmanned aerial systems, healthcare, and industrial automation. This Special Issue seeks to explore emerging methodologies in human-machine interaction, real-time communication, control architectures, sensor fusion, artificial intelligence, haptic feedback, and networked system integration that facilitate effective teleoperation. Contributions addressing latency mitigation, trust and transparency, cybersecurity, and ethical considerations are also welcome to be submitted. This Special Issue aims to collate interdisciplinary perspectives that define the current state of the art and identify future research directions that can enhance safety, efficiency, and usability in semi-autonomous teleoperated systems.

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Deadline for manuscript submissions

15 November 2025



Electronics

an Open Access Journal
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Impact Factor 2.6
CiteScore 6.1



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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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