

Special Issue

Advances in Augmenting Human-Machine Interface

Message from the Guest Editors

Augmenting human-machine interface (HMI) is an emerging technology that intends to seamlessly enhance human and physical environment interaction through techniques such as brain-computer interface, mixed reality (virtual and augmented reality), and advanced technology adapted machine learning to improve interaction. The main aim of this Special Issue is to seek high-quality submissions that highlight emerging applications and address recent breakthroughs in augmenting human-machine interface such as novel approaches of interaction, machine learning methods utilizing physiological sensors, and real-time HMI systems. The topics of interest include but are not limited to:

- Brain-computer interface for HMI
- Behavior adaption and learning techniques in HM
- Machine learning techniques to enhance and adapt HMI
- HMI in real-world settings
- Application and case studies of augmentation in HMI
- Novel sensors and their application for HMI

Guest Editors

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Deadline for manuscript submissions

closed (15 February 2023)



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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

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