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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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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