

Special Issue

Human-Computer Interaction: Current Opportunities and Future Challenges

Message from the Guest Editors

Human-computer interaction has held a crucial role in recent history, where computers, mobile devices, wearables, IoT devices, and smart devices in general have a growing pervasiveness in every aspect in our everyday life. The spread of smart devices has also been accompanied by a continuous enhancement of AI-based applications, where the complexity of such systems is often hidden to the user, giving access to very sophisticated technologies by exploiting means that humans use to interact with each other, such as natural language, gestures or even emotions. Moreover, the growth of metaverses poses new questions about the ethical, economic, and social implications of these new spaces. Even if technology-augmented environments are full of opportunities, the rampant presence of machinery raises several issues, both at a personal and a social level, such as accessibility, social organization, security and privacy, just to mention a few. The aim of this SI is to collect high-quality submissions covering the variety of aspects, opportunities, risks, and challenges of the human-computer interaction in our technology pervaded era.

Guest Editors

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Deadline for manuscript submissions

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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 guestedited by leading experts in selected topics of interest.

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