Special Issue

Human–Computer Interaction: Emerging Challenges and New Frontiers in the Era of AI

Message from the Guest Editor

This Special Issue addresses the evolving challenges and advancements in human–computer interaction (HCI), with a particular focus on the integration of artificial intelligence (AI) and its implications for user experience (UX). This Special Issue aims to provide a rigorous scientific discourse on the intersection of AI and HCI, offering insights into how these technologies can be harmonized to improve UX while addressing key challenges such as user control, explainability, and accessibility. This Special Issue will serve as a valuable resource for researchers seeking to advance the field of HCI through innovative, ethical, and user-centered approaches.   **Keywords:** AI-driven user interfaces, explainable AI in UX design, personalization in human–computer interaction, gesture-based interaction design, usability and accessibility in AI-enhanced interfaces, adaptive multimodal interfaces, ethical considerations in AI–user interactions, inclusive design, adaptive interfaces, human–computer interaction, human–robot interaction

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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