Special Issue

Advances in User Experience for Human–Computer Interaction

Message from the Guest Editor

This Special Issue focuses on advances in user experience that expand the boundaries of Human-Computer Interaction across devices, modalities, and contexts. We welcome the submission of original research, system designs, and rigorous evaluations that make interactions more adaptive, inclusive, and trustworthy. The scope includes personalized and context-aware interfaces; multimodal and cross-device experiences: extended-reality (AR/VR/MR) and spatial computing; conversational and agentic systems; and data-driven methods for modeling, measuring, and improving UX. We particularly welcome contributions that integrate accessibility, privacy, security, and ethical considerations throughout the design and deployment lifecycle, as well as reproducible methodologies, open datasets, and benchmarkable metrics. Application domains may span healthcare, education, industry, mobility, and smart environment, submissions may present novel algorithms, frameworks, and toolchains; empirical studies and user trials; or case studies demonstrating measurable impact. We also encourage the submission bridge human-centered Al with transparent, explainable decision-making and sustainable, long-term usage.

Guest Editor

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Deadline for manuscript submissions

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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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