

## Special Issue

# Advanced User Experience for Human–Computer Interaction

### Message from the Guest Editors

Over the past decade, user interfaces have undergone profound transformations: from mobile and cloud ecosystems to multimodal, immersive, and intelligent systems. The integration of affective computing, adaptive and personalized interfaces, generative AI, and advanced sensing technologies has radically expanded the possibilities for designing more natural, engaging, and human-centered experiences. At the same time, important challenges have emerged regarding transparency, trust, inclusion, and long-term impact.

This Special Issue aims to explore the most recent advances in User Experience (UX) for Human–Computer Interaction (HCI), offering a comprehensive overview of methods, solutions, and perspectives that are redefining the way humans interact with machines. Topics of interest include but are not limited to the followers:

- Affective and emotion-aware systems;
- Personalization and adaptivity;
- Generative AI and human–AI co-creation;
- Transparency, trust, and explainability;
- Innovative UX evaluation methods;
- New interaction paradigms;
- Accessibility and inclusion.

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### Guest Editors

Dr. Silvia Ceccacci  
Dr. Andrea Generosi  
Dr. Maura Mengoni

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### Deadline for manuscript submissions

30 June 2026



## Applied Sciences

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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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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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