

## Special Issue

# Human-Computer Interaction: Advances, Challenges and Opportunities

### Message from the Guest Editor

This Special Issue on "Human-Computer Interaction: Advances, Challenges and Opportunities" seeks to explore how emerging technologies are influencing the field of HCI. Contributions that provide theoretical insights and practical approaches to addressing the evolving needs of users in this rapidly changing technological landscape are encouraged. Topics of interest for this Special Issue include, but are not limited to, the following:

- Interaction with AI agents in complex systems;
- Collaboration between users and AI agents;
- AI-driven personalized services and adaptive user interfaces;
- Emerging interaction possibilities in VR/AR/MR environments;
- New multi-modal interactions for natural user interfaces;
- New user-centered design methodologies for intelligent systems;
- Real-time prediction of user physiological states.

### Guest Editor

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### Deadline for manuscript submissions

20 December 2025



## 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

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