



## Advanced Technologies for User-Centered Design and User Experience

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### Message from the Guest Editors

With recent technological advances, high-tech-based products that work with users through various methods such as tactile interfaces, gesture recognition, voice command and motion detection are increasing. It includes innovative technologies ranging from smart devices to AI speakers, virtual reality systems, and augmented reality devices, but the increase of these products has raised concerns about user inconvenience due to lack of consideration of user needs and behavior for design.

This journal covers all topics studied from the user experience (UX) and user-centric design (UCD) perspective, in the context of new high-tech products, devices and services and interactions between users.

In detail, this Special Issue includes the following research topics:

- New user-centered design methodologies;
- Design and evaluation of high-tech based products or smart products;
- New methodologies for gathering user experience data;
- New methodologies for evaluating user experience;
- User experience design for high-tech based products or smart products;
- Review articles related to UCD/UX methodologies, challenges.





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## Editor-in-Chief

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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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