

Special Issue

Enhancing User Experience in Automation and Control Systems

Message from the Guest Editor

Automation and control systems surround us in everyday life and are supposed to make our life simpler. With the developments of artificial intelligence, these systems will gain even more importance. The satisfaction of users will become the key aspect for their wide acceptance and popularization. User experience, so far widely discussed in pure software engineering, will enter new areas of home and industrial automation systems. Intelligent solutions integrate the abilities of humans and machines to achieve the best possible outcome. This Special Issue will present interdisciplinary research in the area of user experience in automation and control systems. It calls for cutting-edge contributions to fundamental theoretical research, review papers analyzing the existing state of the art as well as application-based research. This Special Issue covers, but is not limited to, the following topics:

- Adaptive interfaces;
- Automation systems;
- Control systems;
- Human-machine interaction;
- Industry 4.0;
- Intelligent control;
- User-centered design;
- User experience.

Guest Editor

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About the Journal

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.

Editor-in-Chief

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