

Special Issue

Application of Software Engineering Techniques in Human-Computer Interactions

Message from the Guest Editors

This Special Issue aims to explore innovative approaches, methodologies, and tools that combine software engineering techniques with HCI considerations to create more usable, accessible, and efficient software systems. We seek to highlight how software engineering practices can enhance the development of interactive systems while maintaining high standards of user experience. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Model-driven development approaches for user interface design;
- Software architecture patterns for interactive systems;
- Requirements engineering methodologies for user-centered design;
- Testing and verification methods for user interfaces;
- Agile development practices in HCI;
- Design patterns for interactive software systems;
- Metrics and quality assessment for user interface development;
- Software engineering tools for prototyping and user testing;
- Formal methods in HCI development;
- DevOps practices in user interface development.

Guest Editors

Dr. Carlos Toxtli

Human-Centered Computing, Clemson University, Clemson, SC 29642, USA

Dr. Paige Rodeghero

School of Computing, Clemson University, Clemson, SC 29642, USA

Deadline for manuscript submissions

closed (30 November 2025)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/220940

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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