

Special Issue

Advances in User Experience for Human–Computer Interaction

Message from the Guest Editor

This Special Issue focuses on advances in user experience that expand the boundaries of Human–Computer Interaction across devices, modalities, and contexts. We welcome the submission of original research, system designs, and rigorous evaluations that make interactions more adaptive, inclusive, and trustworthy. The scope includes personalized and context-aware interfaces; multimodal and cross-device experiences; extended-reality (AR/VR/MR) and spatial computing; conversational and agentic systems; and data-driven methods for modeling, measuring, and improving UX. We particularly welcome contributions that integrate accessibility, privacy, security, and ethical considerations throughout the design and deployment lifecycle, as well as reproducible methodologies, open datasets, and benchmarkable metrics. Application domains may span healthcare, education, industry, mobility, and smart environment, submissions may present novel algorithms, frameworks, and toolchains; empirical studies and user trials; or case studies demonstrating measurable impact. We also encourage the submission bridge human-centered AI with transparent, explainable decision-making and sustainable, long-term usage.

Guest Editor

Dr. Yi Yang
Department of Electronic Engineering, Tsinghua University, Beijing
100084, China

Deadline for manuscript submissions

30 May 2026



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/255983

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

[mdpi.com/journal/
appls](https://mdpi.com/journal/appls)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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

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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)