

## Special Issue

# Implicit and Explicit Human-Computer Interaction

### Message from the Guest Editors

The global landscape of digitized services competing for user attention requires much of the interaction to occur without explicit actions on the part of the user. Examples are smart living (from homes to whole cities), recommendations, and automatic driving systems. On the other hand, users want to retain control over critical decisions and on choices in manners of delivery of digitized services, as well as on the information made available to service providers or to third parties. Balancing these two needs will be more and more crucial in the near future and might require integration of techniques of implicit and explicit context-aware interaction, exploiting new technologies such as machine learning, visualization, computer vision, natural language processing, to be made available in a ubiquitous way on a plethora of different connected devices. This Special Issue welcomes original, unpublished research contributions including, but not limited to, methodological studies, design and development of new systems and applications, usability studies, and incorporation of innovative technologies into interactive systems.

---

### Guest Editors

Prof. Paolo Bottoni

Department of Computer Science, Sapienza University, Rome, Italy

Prof. Emanuele Panizzi

Department of Computer Science, Sapienza University, Rome, Italy

---

### Deadline for manuscript submissions

closed (31 March 2022)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/40441](https://mdpi.com/si/40441)

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

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

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





# 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, CAPlus / SciFinder, and other databases.

#### Journal Rank:

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