



Advances of Sensors and Human-Centered Intelligent Systems in Education

Guest Editor:

Prof. Dr. Carina Soledad González

Department of Computer Engineering and Systems, University of La Laguna, 38204 La Laguna, Spain

Deadline for manuscript submissions:

closed (25 September 2024)

Message from the Guest Editor

Currently, intelligent systems have spread through the paradigm of ubiquitous computing and IoT, integrating diverse devices and sensors. We wish to analyze the main issues that arise in their design and what techniques are used to create the process of adapting the system to the user, how the data is treated, what cognitive and computational models, as well as what algorithms are used and what effectiveness they have demonstrated. This special issue has the goal of exploring the main applications of Artificial Intelligence (AI) in Education, such as Intelligent Tutorial Systems, Intelligent Teaching Systems Distributed over the Internet, Learning Analytics, Educational Datamining, Recommender Systems, among others, and intelligent systems that focus on people-centered design. Topics covered include, but are not limited to, the following:

- Intelligent system design and evaluation
- Educational mobile, ubiquitous and pervasive sensing
- Applications in education
- User modelling, personalization and recommendation
- Responsible AI and explainability
- User behavior and influence analysis
- Adaptive intelligent interfaces
- Evaluation of learning effectivity





sensors



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Department of Electrical and
Information Engineering,
Politecnico di Bari, Via Orabona
4, 70126 Bari, Italy

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

Author Benefits

Open Access : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)