Information and Communication Technology (ICT) in Education

Guest Editors:

Dr. Igor Balaban
Faculty of Organization and Informatics, University of Zagreb, 42000 Varazdin, Croatia

Prof. Dr. Bart Rienties
Institute of Educational Technology, Open University, Milton Keynes, UK

Deadline for manuscript submissions:
closed (10 September 2023)

Message from the Guest Editors

COVID-19 has accelerated the shift to blended or fully online learning environments, enforcing educational institutions to embrace technology and offer their students an online or at least blended learning experience. A large amount of data became accessible through LMS, but has usually not been analyzed in a proper manner nor used to improve the efficiency of teaching and learning. Institutions usually do not consider such data to drive their strategy, nor are the teachers required to use the data to improve their teaching practice.

Submissions should therefore focus on the following topics:

- Digital transformation of educational institutions;
- Development of teachers' and students' 21st century skills;
- Learning analytics and big data in learning environments;
- Artificial intelligence in learning;
- Using wearables to enhance the learning experience;
- Student modelling to create smart and inclusive learning environments for blended and online learning;
- Learning strategies for smart learning environments;
- Innovative assessment approaches;
- Emerging technologies in education.

Special Issue

Editor-in-Chief

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

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.

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), Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us