applied sciences

an Open Access Journal by MDPI

IMPACT FACTOR 2.5

CITESCORE 5.3

Future Trends in Intelligent Edge Computing and Networking

Guest Editors:

Prof. Dr. Bo Yang
School of Computer Science, Northwestern Polytechnical University, Xi'an 710129, China

Dr. Yueyue Dai
School of Cyber Science and Engineering, Huazhong University of Science and Technology, Wuhan 430074, China

Dr. Xuelin Cao
School of Cyber Engineering, Xidian University, Xi'an 710126, China

Deadline for manuscript submissions:
closed (31 January 2024)

Message from the Guest Editors

Recently, mobile/multi-access edge computing (MEC) has come to play a dominant role in supporting various computational applications. To improve MEC performance in dynamical wireless environments, robust computational offloading decisions making methods and efficient wireless networking techniques are considered significant. These mostly serve as the 'brain' of MEC systems and act mostly as communication channels connecting users to the edge.

As we evolve toward the artificial intelligence of things (AIoT), our future mobile networks must support a much wider range of AI-enabled applications, such as virtual reality (VR), autonomous driving and augmented reality (AR). As a result, these and the many other new requirements call for a new computing paradigm—intelligent edge computing/edge intelligence, which has emerged as the next frontier and a cornerstone for future intelligent networks. In this context, there still exist opportunities in applying advanced machine learning technologies to facilitate the integration of computing and communications design, thereby realizing and implementing future emerging services both easily and economically.

applied sciences

IMPACT FACTOR 2.5

CITESCORE 5.3

an Open Access Journal by MDPI

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

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
𝕏@Applsci