Intelligent Systems for Multidisciplinary Applications in Era of Artificial Intelligence

Guest Editors:

Dr. Adnane Cabani
ESIGELEC-IRSEEM, Normandie Université, 76000 Rouen, France

Dr. Kévin Bouchard
Department of Computer Sciences and Mathematics, Université du Québec à Chicoutimi, 555 Boulevard de l'Université, Chicoutimi, QC G7H 2B1, Canada

Deadline for manuscript submissions:
31 August 2024

Message from the Guest Editors

In the Era of Artificial Intelligence, intelligent systems are transforming various domains of our lives. The performance of intelligent systems is improved by providing more sophisticated reasoning skills, as well as the ability to learn and adapt to new information. Different application domains have evolved through AI, such as:

- Autonomous vehicles that navigate roads, avoid obstacles, and make decisions in real time;
- The use of surgical robots and AI to perform surgery with unrivalled precision and accuracy;
- In the industrial sector, automating tasks, improving decision-making, optimizing processes, and increasing collaboration between humans and machines allows for the boosting of efficiency, productivity, sustainability, and adaptability;
- Automation of many repetitive and time-consuming tasks, such as inventory management, route planning, and order tracking, with the aim of improving overall supply chain efficiency.

This call is focused on the latest research in intelligent systems in the following areas (but is not limited to):

- Intelligent Transportation Systems;
- Smart Healthcare;
- Industry 4.0 and 5.0;
- Logistics.

mdpi.com/si/182372

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