Special Issue

Artificial Intelligence in Life Quality Technologies

Message from the Guest Editors

The main purpose of this Special Issue is to gather original publications on the latest applied research on intelligent data analysis, predictions, optimization and classification, as well as the design of algorithms and procedures. We are particularly interested in topics related to applications concerning improving the quality of life and solutions for improving health. These include a wide range of applications of AI methods in the fields of medicine, agriculture, additive manufacturing, sustainability, and ergonomics. The main AI methods covered by this Special Issue are as follows:

- Methods based on the fuzzy sets concept in its various forms;
- Solutions based on ANNs, especially deep neural network variants;
- AI methods inspired by Nature (e.g., evolution-based algorithms or swarm intelligence).

The above list is not exhaustive. Papers on other AI methods applied in life-quality-related technologies are also welcome.

Guest Editors

Prof. Dr. Piotr Prokopowicz

Prof. Dr. Katarzyna Węgrzyn-Wolska

Dr. Maciej Piechowiak

Deadline for manuscript submissions

closed (31 December 2023)

Applied Sciences

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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

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