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Machine Learning Techniques for the Exploration and Understanding of Complex Systems II

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closed (20 January 2023)

Message from the Guest Editors

This Special Issue is devoted to the application of machine learning techniques for the study of complex systems, which are composed of several units that interact with each other through relationships that are difficult to detect and interpret using conventional statistical approaches.

In this Special Issue, we aim to collect research works concerning the usage of machine learning methods to find paths and highlight relationships between the constituent parts of complex systems. We particularly welcome articles in biological, clinical, physical, and social fields, in which it is emphasized how machine learning techniques are able to solve problems more efficiently than traditional statistical methods.

- machine learning
- deep learning
- complex networks
- complex systems
- data mining
- data science
- natural language processing
- neurodegeneratve diseases
- imaging
- genomics
- social physics

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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.

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