

Special Issue

Application of Neural Computation in Artificial Intelligence: 2nd Edition

Message from the Guest Editors

Computational intelligence, as a subset of artificial intelligence, is one of the most dynamically developing fields of computer science. This is due to the need to analyze increasingly larger data sets, which each time require the use of more efficient computer equipment and more advanced methods of data analysis and mining. This Special Issue will focus on Neural Computation in Artificial Intelligence, and we invite innovative and breakthrough ideas on implementing neural computation that go beyond the limitations of the current ANN architectures. We aim to achieve features/functions not previously possible to perform new tasks and/or improve the performance in existing applications and thereby push the boundaries of what is possible.

- neural networks
- convolutional neural networks
- fuzzy logic
- cloud computing
- nature of artificial intelligence
- model interoperability
- machine learning
- data science
- meta-learning
- natural language processing
- artificial neural network
- hybrid intelligent systems
- fully connected networks
- affective computing

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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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