

Special Issue

Neural Computing: Theory, Methods and Applications

Message from the Guest Editors

We invite you to contribute to a Special Issue of the journal *Applied Sciences*, entitled “Neural Computing: Theory, Methods and Applications”. This issue aims to present recent developments in the field of the theory and application of neural networks techniques. 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 the use of more advanced methods of data analysis and mining. One of the most powerful computational intelligence tools is artificial neural networks. These are structures inspired by the biological neural networks that make up the brain. A structure of this type learns to perform tasks thanks to given examples. At the present time, there is extensive interest in intelligent methods in application and theoretical fields. and

Guest Editors

Prof. Dr. Piotr A. Kowalski

1. Faculty of Physics and Applied Computer Science, AGH University of Science and Technology, 30-059 Cracow, Poland
2. Systems Research Institute, Polish Academy of Sciences, Newelska 6, 01-447 Warsaw, Poland

Prof. Dr. Szymon Lukasik

Systems Research Institute, Polish Academy of Sciences, Warsaw, Poland

Deadline for manuscript submissions

closed (31 July 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



mdpi.com/si/84563

Applied Sciences
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

mdpi.com/journal/

[appls](https://appls.mdpi.com)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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, CAPIus / SciFinder, and other databases.

Journal Rank:

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