Special Issue

Nature-Inspired Algorithms in Machine Learning (2nd Edition)

Message from the Guest Editors

Machine learning algorithms are currently omnipresent in a variety of practical solutions spanning from space engineering to ecommerce. Apart from the standard statistical approach nature-inspired algorithms are also frequently used in this area. It is due to the complexity of the data exploration tasks and the possibility of including additional factors into the scheme of nature-inspired algorithm. Our Special Issue will accept a broad range of new advances in the field of nature-inspired machine learning algorithms. We invite contributions describing new techniques, novel evaluation criteria, interesting case-studies, as well as papers dealing with specific variants of existing algorithms and challenges of Big Data. A limited number of state-of-art reviews will also be considered for publication. Please feel free to contribute as well as to contact us with any questions and concerns.

Guest Editors

Dr. Szymon Łukasik

Prof. Dr. Piotr A. Kowalski

Dr. Rohit Salgotra

Deadline for manuscript submissions

closed (31 October 2024)

Algorithms

mdpi.com/journal/
algorithms

About the Journal

Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

Editor-in-Chief

Prof. Dr. Frank Werner
Faculty of Mathematics, Otto-von-Guericke-University, P.O. Box 4120,
D-39016 Magdeburg, Germany

Author Benefits

Open Access:
free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:
indexed within Scopus, ESCI (Web of Science), Ei Compendex, and other databases.

Journal Rank:
JCR - Q2 (Computer Science, Theory and Methods) / CiteScore - Q1 (Numerical Analysis)

MDPI