Special Issue

Metaheuristic Algorithms in Optimization and Applications 2021

Message from the Guest Editors

We invite authors to contribute original research articles as well as review articles on recent advances in these active research areas. Topics of interest include, but are not limited to:

- Swarm intelligence such as Artificial Bee Colony, Ant Colony Optimization, Particle Swarm Optimization, and Virus Optimization Algorithm, etc.
- Nature-inspired metaheuristic algorithms such as Evolutionary Algorithm, Genetic Algorithm, etc.
- Neighborhood search algorithms such as Iterated Local Search, Simulated Annealing, Tabu Search, Variable Neighborhood Search, etc.
- New metaheuristic frameworks/approaches/operators
- Parallelization of metaheuristics
- Hybridized algorithms
- Empirical and theoretical research of metaheuristics
- High-impact applications of metaheuristics
- Challenging problems such as multi-objective, stochastic, or dynamic problems

Guest Editors

Prof. Dr. Yun-Chia Liang

Dr. Mehmet Fatih Tasgetiren

Dr. Quan-Ke Pan

Dr. Hsiang-Ling Chen

Deadline for manuscript submissions

closed (1 March 2022)
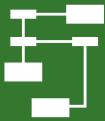
Algorithms

an Open Access Journal by MDPI

Impact Factor 2.1
CiteScore 4.5

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

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