Metaheuristic Algorithms in Optimization and Applications 2021

Guest Editors:

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Deadline for manuscript submissions:
closed (1 March 2022)

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

Special Issue

Editor-in-Chief

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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.

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