



Recent Advances in Multi-Objective Algorithms and Optimization 2023–2024

Guest Editor:

**Prof. Dr. Massimiliano
Caramia**

Department of Enterprise
Engineering, University of Rome
“Tor Vergata”, 00133 Roma, Italy

Deadline for manuscript
submissions:
closed (31 March 2024)

Message from the Guest Editor

The aim of this Special Issue is to collect original manuscripts dealing with multi-objective algorithms and optimization in the broad sense. We encourage the submission of original papers presenting innovative applications and/or contributing to the theory in this area. Some possible topics of interest are:

- Evolutionary multi-objective optimization;
- Game-theoretic approaches to multi-objective optimization;
- Multi-level optimization;
- Meta-heuristic methods for multi-objective optimization;
- Hybrid approaches for multi-objective optimization;
- Uncertainty handling in multi-objective optimization;
- Parallelization techniques for multi-objective optimization.

We also encourage papers that investigate these topics in real-world applications, such as engineering design, production planning, healthcare, finance, and transportation, to name a few.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Frank Werner

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

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.

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: CiteScore - Q2 (*Numerical Analysis*)

Contact Us

Algorithms Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/algorithms
algorithms@mdpi.com
[X@Algorithms_MDPI](https://twitter.com/Algorithms_MDPI)