

Journal of Heuristics

Call for Papers:

Special Issue on “Metaheuristics”

Impact factor (2012): 1.471 (Q1, COMPUTER SCIENCE, THEORY & METHODS)
Journal of Heuristics. Springer, ISSN: 1381-1231. Editor-in-Chief: Manuel Laguna

The *Metaheuristics International Conference (MIC)* is an annual forum for the exchange of new algorithmic developments, high-impact and novel applications, new research challenges, theoretical developments, implementation issues, and in-depth experimental studies in metaheuristics. In 2013 the 10th instance of this conference was held in Singapore, July 5-8. As a natural outcome of this activity and thanks to the support of Springer and the *Journal of Heuristics*, we are pleased to announce a special issue of the latter, devoted to selected publications on works presented at MIC 2013.

Topics of interest include, but are not limited to:

- Techniques such as tabu search, simulated annealing, iterated local search, variable neighborhood search, memory-based optimization, evolutionary algorithms, memetic algorithms, ant colony optimization, particle swarm optimization, scatter search, path relinking, etc.
- Techniques that enhance the usability and increase the potential of metaheuristic algorithms such as parallelization of algorithms, reactive search mechanisms for self-tuning, offline metaheuristic algorithm configuration techniques, algorithm portfolios, etc.
- Empirical and theoretical research in metaheuristics including large-scale experimental analyses, algorithm comparisons, new experimental methodologies, engineering methodologies for stochastic local search algorithms, search space analysis, theoretical insights into properties of metaheuristic algorithms.
- High-impact applications of metaheuristics in fields such as bioinformatics, data mining, planning and scheduling, telecommunications, logistics and supply chains, etc. Particularly welcome are innovative applications of metaheuristics that have a potential of widening research frontiers.
- Contributions on the interface of metaheuristics with other disciplines, such as agent-based models, integer programming, constraint programming, machine learning, etc.
- Challenging problems such as multi-objective, stochastic, or dynamic problems.

Submissions are expected to be significant extensions of abstracts or papers already published in the proceedings of MIC 2013 and will be peer-reviewed.

Authors should submit their manuscripts using the Journal of Heuristics Editorial Manager at <http://heur.edmgr.com>, selecting “S.I.: MIC2013” as article type. All manuscripts must be prepared in accordance with the available instructions for authors.

Important Dates:

Submission deadline:	November 30, 2013 January 16, 2014
Acceptance notification:	March 31, 2014
Target date for final manuscripts:	June 30, 2014

Early submissions will receive immediate attention, notifications can be expected earlier.

Guest Editors:

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