CALL FOR PAPERS

A special issue of the

International Journal of Engineering Management and Economics

« Combinatorial Optimization »

Guest Editor:

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Submission Deadline: October 31, 2013.

Combinatorial (or discrete) optimization is one of the most active topics in the area of operations research. Combinatorial optimization constitutes the synergy between applied mathematics, computer science and management science. Furthermore, Combinatorial Optimization is a very challenging research field that is encountered in various real-life areas. Problems of combinatorial optimization arise in various applications, including production systems, communications network, logistical systems, airline crew scheduling, maintenance and reliability, corporate planning, computer-aided design, service systems, database query design, cellular telephone frequency assignment, strategic planning, supply chain management, resource allocation problems and computational biology. Motivated by their practical interest, numerous research teams studied theoretical and applied aspects of combinatorial optimization using various methods based upon exact and/or approximate approaches.

The issue will carry revised and substantially extended versions of selected manuscripts presented at International Conference on Modeling, Simulation and Applied Optimization (ICMSAO'2013), Hammamet, Tunisia, April 28-30, 2013 (see http://www.icmsao.org).

We encourage researchers who cannot participate in the conference to submit papers for this special issue. All papers are refereed through a peer review process. All papers must be submitted online. To submit a paper, please read the journal information on preparing and submitting papers.

Subject Coverage:

Theoretical and/or empirical contributions that make a significant contribution to this field are welcome. Potential topics include, but are not limited to:

- Metaheuristic algorithms

- Exact algorithms

- Cutting and packing

- Polyhedral theory

- Computational complexity

- Graph and network algorithms

- Linear and integer programming

- Interior point methods

- Constraint Programming

- Frequency assignment

- Location

- Network design

- Production and logistics scheduling

- Timetabling

- Vehicle routing and scheduling

- Computational biology

- Computational complexity

Notes for Prospective Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. (N.B. Conference papers may only be submitted if the paper has been completely re-written and if appropriate written permissions have been obtained from any copyright holders of the original paper).

All papers are refereed through a peer review process.

All authors must declare they have read and agreed to the content of the submitted article. A full statement of our Ethical Guidelines for Authors is available.

 All papers *must* be submitted online. To submit a paper, please read our information on preparing and submitting articles.

Important Dates

Submission of manuscripts : 31 October 2013

Notification of final acceptance: 1 June 2014

Contact

The editor of the special issue is happy to discuss initial ideas for papers, and can be contacted directly:

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