Special Issue

Modeling Computing and Data Handling for Marine Transportation

Message from the Guest Editors

Maritime transportation is the major conduit of international trade. The safety and the environmental impact of maritime transportation, in particular, in the case of sea accidents, are always two challenging issues. As recent advances on maritime transportation require the synergy of both computer science and maritime science, the main focus in this special issue will be upon the latest developments on IT methodologies for maritime transportation. Computational intelligence, data mining and knowledge discovery/representation, risk assessment methodologies as well as combinatorial optimization are the IT fields that have gain importance in maritime studies because of their potential in giving solutions for effective sea transportation. The topics of interest in this Special Issue covers the scope of the 3rd workshop on modeling computing and data handling for marine transportation (MCDMT 2018) (http://iisa2018.unipi.gr/mcdmt/). Extended versions of papers presented at MCDMT 2018 are sought, but this Special Issue is also open to all who wish to contribute by submitting a research paper relevant to the area.

Guest Editors

Prof. Dr. Charalampos Konstantopoulos
Department of Informatics, University of Piraeus, 185 34 Pireas, Greece
Prof. Dr. Grammati Pantziou
Department of Informatics, University of West Attica, 12241 Athens, Greece

Deadline for manuscript submissions

closed (31 October 2018)

Algorithms

an Open Access Journal by MDPI

Impact Factor 2.1
CiteScore 4.5

mdpi.com/si/14651

Algorithms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
algorithms@mdpi.com

mdpi.com/journal/algorithms

Algorithms

an Open Access Journal by MDPI

Impact Factor 2.1
CiteScore 4.5

mdpi.com/journal/algorithms

MDPI

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

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

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:

JCR - Q2 (Computer Science, Theory and Methods) / CiteScore - Q1 (Numerical Analysis)