Extreme Algorithmics: Analysis of Huge, Noisy, and Dynamic Networked Data

Message from the Guest Editors

This special issue is dedicated to models and algorithms for the analysis of real-world networks especially devised to cope with the above mentioned challenges. Submissions should present original approaches and significant contributions and could contain methodological issues, model proposals, complexity analyses, experimental evaluations, and application-driven case studies. Keywords:

- Analysis of large graphs and networks
- Visual analysis of networked data
- Uncertain, noisy, and heterogeneous information
- Dynamic algorithms

Guest Editors

Prof. Dr. Davide Bilò

Department of Humanities and Social Sciences, University of Sassari, 07100 Sassari, Italy

Prof. Dr. Maurizio Patrignani

Department of Engineering, Roma Tre University, Via della Vasca Navale, 79, 00146 Rome, Italy

Deadline for manuscript submissions

closed (30 April 2022)

Algorithms

an Open Access Journal by MDPI

Impact Factor 2.1
CiteScore 4.5

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)