Special Issue

Recent Advances in Community Detection Algorithms and Applications

Message from the Guest Editor

We invite you to submit original high-quality research on new trends in community detection in complex networks. Topics of interest include but are not limited to:

- Local, global community detection
- Community detection with novel objective functions
- Multi-objective community detection
- Overlapping community detection
- Dynamic community detection
- Community detection in multilayer/multiplex networks
- Complexity of community detection tasks
- Parallel and distributed algorithms for community detection
- Community detection and graph embeddings
- Community detection for social media applications
- Community characterization
- Community detection with deep learning
- Explainable community detection algorithms

Guest Editor

Dr. Maria Malek

ETIS laboratory, CY Cergy Paris University, 95000 Cergy, France

Deadline for manuscript submissions

closed (31 March 2023)

Algorithms

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)

MDPI