

## Special Issue

# Dynamic Compressed Data Structures

### Message from the Guest Editors

We invite you to submit your latest research on the topic to this Special Issue on dynamic compressed data structures. Potential topics include but are not limited to: computation over compressed data, succinct and compressed dynamic sequences, dictionaries, graphs, and geometric data structures, implementations and libraries, benchmarks of existing implemented compressed data structures, cache-efficient and/or external-memory dynamic compressed data structures, computation and update of compressibility measures under edit operations, and sensitivity of compressibility measures under edit operations. Surveys on the topic are also welcome.

---

### Guest Editors

Dr. Nicola Prezza

Department of Environmental Sciences, Informatics and Statistics, Ca' Foscari University of Venice, 30123 Venezia VE, Italy

Dr. Alan Kuhnle

Department of Computer Science, Florida State University, Tallahassee, FL 32303, USA

---

### Deadline for manuscript submissions

closed (31 January 2022)



## Algorithms

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.1  
CiteScore 4.5



[mdpi.com/si/93606](https://mdpi.com/si/93606)

*Algorithms*

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

[algorithms@mdpi.com](mailto:algorithms@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[algorithms](https://mdpi.com/journal/algorithms)





# Algorithms

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.1  
CiteScore 4.5



[mdpi.com/journal/  
algorithms](https://mdpi.com/journal/algorithms)



## 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)