

## Special Issue

# Data Clustering: Algorithms and Applications

### Message from the Guest Editors

At present, with the rapid growth of computer science and information technology, the amount of data obtained has increased significantly. Such pools of data are ubiquitous and play important roles in many fields of business and science. Clustering has become a fundamental and commonly used technique for knowledge discovery and data mining. The collecting and use of data for analysis purposes needs to be fast in real applications. These necessitate higher requirements for the effectiveness of clustering methods.

This Special Issue focuses on data clustering as well as knowledge discovery and machine learning. The aim of this Special Issue is to compile the recent advances in this contemporary research area, studies of the primary aspects of data clustering, key techniques commonly used for clustering, and insights discussing important features of the clustering process in a variety of application areas. We invite high-quality submissions from researchers of the field of data clustering to exchange and share their experiences and research results, whether theoretical or applicational.

---

### Guest Editors

Prof. Dr. Małgorzata Charytanowicz

1. Department of Computer Science, Electrical Engineering and Computer Science Faculty, Lublin University of Technology, 20-618 Lublin, Poland
2. Systems Research Institute, Polish Academy of Sciences, 01-447 Warsaw, Poland

Prof. Dr. Piotr A. Kowalski

1. Faculty of Physics and Applied Computer Science, AGH University of Science and Technology, 30-059 Cracow, Poland
2. Systems Research Institute, Polish Academy of Sciences, Newelska 6, 01-447 Warsaw, Poland

---

### Deadline for manuscript submissions

closed (20 June 2023)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/104455](https://mdpi.com/si/104455)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[applsci@mdpi.com](mailto:applsci@mdpi.com)

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

[applsci](https://applsci)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



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



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )