



## Machine Learning and Data Mining: Techniques and Tasks

Guest Editor:

**Prof. Dr. Liangxiao Jiang**

School of Computer Science,  
China University of Geosciences,  
Wuhan 430074, China

Deadline for manuscript  
submissions:

**closed (31 December 2022)**

### Message from the Guest Editor

Dear Colleagues,

In recent years, advances in data gathering, storage, and distribution have created a great need for computational theories and techniques to aid in intelligent data analysis. Machine learning and data mining is a rapidly growing area of research and application that builds on theories and techniques from many fields.

The aim of this Special Issue is to provide a forum for researchers to present their original contributions describing their experience and approaches to a wide range of machine learning techniques applied to a variety of data mining tasks, including but not limited to:

- Machine learning techniques: Bayesian learning, nearest neighbor learning, decision tree learning, cost-sensitive learning, crowdsourcing learning, deep learning, etc.
- Data mining tasks: Classification, ranking, class probability estimation, clustering, regression, distance measure, feature selection, etc.

Submissions should be original and unpublished. Extended versions of conference publications will be considered if they contain at least 50% new content.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Francisco Chiclana**  
School of Computer Science and  
Informatics, De Montfort  
University, The Gateway,  
Leicester LE1 9BH, UK

## Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

## 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), RePEc, and other databases.

**Journal Rank:** JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

## Contact Us

---

*Mathematics* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/mathematics](http://mdpi.com/journal/mathematics)  
[mathematics@mdpi.com](mailto:mathematics@mdpi.com)  
[X@MathematicsMDPI](https://twitter.com/MathematicsMDPI)