

Special Issue

Advances in Data Mining, Neural Networks and Deep Graph Learning

Message from the Guest Editors

Various everyday tasks are being solved with the help of data mining these days. Due to the strong expressive power of graphs, solving real-world challenges with graph structure has recently attracted the interest of academia and industry.

Graph learning offers the advantage of exploiting the topological structure of graphs. Deep graph learning methods are highly effective in solving real-world challenges. The research community has contributed algorithms, techniques such as neural networks, social networks, knowledge graphs, and biological networks. Despite the rapid advancement, it is deserved to conduct in-depth research on data mining, neural networks and deep graph learning from both theoretical and applied perspectives to better support real-world data analysis.

This Special Issue will feature recent advances in data mining, neural networks, and deep graph learning algorithms and techniques. This issue welcomes theoretical and applied research as well as their applications in real-world domains.

Guest Editors

Dr. Dawei Cheng
Dr. Zhibin Niu
Dr. Yiyi Zhang

Deadline for manuscript submissions

closed (30 June 2024)



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/157439

Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

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





Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



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



About the Journal

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.

Editor-in-Chief

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank:

JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).