

# Special Issue

## Advanced Machine Learning Analysis and Application in Data Science

### Message from the Guest Editor

Machine learning has become a highly prominent research domain, driven by its extensive application across a wide range of disciplines and communities. As an interdisciplinary field that integrates computer science and mathematics, machine learning offers powerful tools for analyzing large volumes of data, enabling accurate predictions and uncovering complex relationships within diverse datasets. This Special Issue seeks to publish high-quality review articles, original research papers, and communications that present novel methodologies, applications, data analyses, and case studies. Submissions that explore both theoretical developments and practical implementations of machine learning techniques are encouraged. Topics of interest include, but are not limited to, applications in computer science, economics, industry, medicine, environmental science, finance, education, engineering, marketing, and agriculture.

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### Guest Editor

Prof. Dr. Jiang Guo

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### Deadline for manuscript submissions

closed (30 April 2026)



## Mathematics

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## 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.

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### Editor-in-Chief

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