



## Machine Learning and Finance

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Deadline for manuscript  
submissions:

**31 January 2025**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to provide a comprehensive overview of the latest advancements in machine learning methods for finance, emphasizing the critical role of stochastic analysis techniques and the utilization of real financial data. In an era characterized by increasingly complex financial markets and vast amounts of available data, the integration of machine learning methodologies has become paramount for effectively analyzing and navigating the intricacies of financial systems.

Through this Special Issue, we aim to provide a platform for researchers and practitioners to exchange ideas, share insights, and contribute to the advancement of knowledge at the intersection of machine learning and finance. By showcasing cutting-edge research and innovative methodologies, we strive to facilitate the development of robust and reliable solutions that can enhance decision-making processes and drive positive outcomes in the financial industry.

Authors are invited to submit original research articles, review papers, and case studies that contribute to advancing machine learning methods in finance.





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## 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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