

Call for Papers:

Digital Finance

Special Issue on Quantitative Methods in Financial Technology

<https://link.springer.com/journal/42521/collections>

Overview:

Quantitative methods have been widely and successfully applied in finance, including the study of investment strategies, asset pricing, financial market mechanism, and risk management. The recent years have witnessed the rapid development of Financial Technology with various applications, such as cryptocurrencies, blockchain technology, and decentralized finance. This development not only gives rise to new applications of existing quantitative methods, but also leads to new challenges and perspectives that require novel quantitative methods. This special issue invites original research papers related to the theory and applications of quantitative methods, such as stochastic control, stochastic differential equations, dynamic games, and machine learning, in FinTech-related areas with topics including but not limited to:

- Machine learning and reinforcement learning in finance
- Cryptocurrencies and digital currencies
- Blockchain and smart contracts
- Robo-advisory
- Decentralized finance
- Behavior finance
- Quantitative analysis in finance and economics
- Regulation technology
- Insurance technology

Speakers and participants of the Recent Advances on Quantitative Finance are in particular encouraged to submit their work.

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