

Special Issue

Advances in Mathematical Finance and Insurance

Message from the Guest Editors

Mathematical Finance and Insurance have undergone transformative growth, fueled by advances in probability, statistics, and economic theory. These fields not only provide rigorous foundations for industry practices but also propel theoretical research forward. Today, the convergence with data science and computing—including deep learning, large language models, and generative AI—is creating unprecedented research opportunities. Simultaneously, emerging challenges in climate risk, energy, fintech, and cyber risk demand novel theoretical frameworks. The aim of this Special Issue is to provide a platform to communicate novel and exciting research results which are relevant to advancing the fields of Mathematical Finance and Insurance. We sincerely welcome colleagues from both academia and industry to share their latest, high-quality, and cutting-edge research works in the fields. All areas of Mathematical Finance and Insurance are very welcome.

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Risks is published in an open access format; research articles, reviews, and other content are released on the internet immediately after acceptance. Specifically, *Risks* welcomes submissions that (a) contribute with insight, outlook, understanding, and overview; (b) show creativity in terms of pedagogical methods and techniques; (c) help the transfer of theoretical and applied research into applications in the public and private domains; and (d) show responsibility for the impact on society. The scientific and the general public have unlimited free access to the content as soon as it is published.

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