

## CALL FOR PAPERS

### “Shaping Financial Research: Data, AI and New Challenges”

Paris, March 17-18, 2025

The **Financial Risks International Forum** on “**Shaping Financial Research: Data, AI and New Challenges**” is an International Research Forum for academics and professionals organized by the Louis Bachelier Institute.

We invite academics, professionals and regulators to submit research papers for this event, which will take place in Paris on **March 17-18, 2025**.

Over the last 50 years, academic research in finance and insurance has been transformed by technological advances, globalization and financial crises. The rise of quantitative finance, driven by advances in computing power, enabled more sophisticated modelling of financial markets and instruments. The 2008 financial crisis spurred research into systemic risk, regulation and financial stability. Recently, the development of new datasets and technologies (such as machine learning, Large Language Models or Decentralized Finance) has brought new tools to forecast, optimize and assess risks.

This upcoming **18th Financial Risks International Forum** aims to evaluate the advancements in financial research over the past few decades and to consider its future trajectory, connected to the evolving needs of the industry.

We welcome the submission of research papers on the following and other relevant topics:

- Advances in finance theory and models : new problems, practical implications, integration with new technologies
- Empirical finance in the age of big data : financial econometrics vs machine learning, traditional vs alternative data sources
- Financial research with Large Language Models: robustness, explainability, replication
- Financial markets design with trading algorithms
- Tokenized financial assets, smart contracts and blockchain ledgers for trade and settlement
- Impact of fintechs and platforms ; crowdfunding, credit, trading, robo-advice etc.
- Future of financial regulation: impact of technological innovation, digital payments, digital currencies
- Growing role of interdisciplinary research: climate finance, neuroeconomics, psychology and finance, marketing & finance, etc.
- CeFi vs DeFi

**Deadline: January 6, 2025**

Complete papers in PDF format should be submitted electronically by January 6, 2025 using the submission form. The results of the selection procedure will be announced by mid-January 2025.

**SUBMIT**

## EXPENSES

The Institut Louis Bachelier may cover part of travel and accommodation expenses for the authors of the papers selected (**upon request and the decision of the Scientific Committee, and for speakers only**).

## SCIENTIFIC COMMITTEE

Chairwoman: **Marie BRIERE**, Amundi and Université Libre de Bruxelles

- **Frédéric ABERGEL**, Ecole Centrale Paris
- **Jean-François BOULIER**, Af2i
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- **Darrell DUFFIE**, Stanford University
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- **Roger GUESNERIE**, EHESS, Paris School of Economics, Collège de France
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