

CALL FOR PAPERS

Special Issue of the Journal of Financial Stability on “Opportunities and Risks of AI Technologies in Finance and Banking”

The Journal of Financial Stability is pleased to announce a Special Issue on the “Opportunities and Risks of AI Technologies in Finance and Banking.”

Despite being emerging technologies, Generative AI tools and Large Language Models (LLMs) are being adopted at a faster rate than previous general purpose technologies. While the use of Generative AI and other AI technologies holds the potential for transformational changes across various industries, sectors, systems and economies, it also presents significant risks.

The purpose of this special issue is to invite the submission of high quality theoretical, empirical, experimental and policy papers on the opportunities and risks of AI technologies in various dimensions of finance and banking. Topics of interest include, but are not limited to:

- The use of AI by corporations and its implications for corporate policies and corporate governance.
- The use of AI in asset pricing, asset management and trading.
- AI and financial institutions: effects on payments, insurance and the provision of credit.
- Potential biases and risks in the use of AI in financial and economic decision-making.
- Macroeconomic and financial implications of AI use by market participants, financial institutions, corporations and other key players, as well as the relevant regulatory policies.
- The impact of AI on the economy and the implications for central banks as guardians of price and financial stability.
- The implications of the use of AI on financial stability, financial market resilience, and potential market failures.
- The impact of AI use on income inequality, the labor market, individual financial security and data privacy.
- The potential implications of the use of AI on compliance and regulatory frameworks.
- Frictions, market failures and disparities in AI adoption/use and regulatory solutions.
- The relationship between AI and climate change.
- The impact of AI on market concentration and competition.

This Special Issue will be managed by the following **Guest Co-Editors**:

Leonardo Gambacorta, Bank for International Settlements and CEPR

Fariborz Moshirian, University of New South Wales

Markus Pelger, Stanford University

Baozhong Yang, Georgia State University

Manuscript submission information:

Papers submitted for this Special Issue will initially be reviewed by the Guest Editors. These editors will decide which papers will proceed to being reviewed by two anonymous referees. Potential authors with papers relevant to the theme of this Special Issue are encouraged to submit their papers via the online platform of the Journal of Financial Stability. During the submission process, you will receive a prompt asking whether the paper being submitted is intended for the Special Issue on AI Technology. The authors should simply follow the relevant steps outlined in the prompt. The online submission for this Special Issue will be open from 30 October, 2024, with a submission deadline of 15 December, 2024.

All enquiries should be directed to globalfinance@unsw.edu.au