

Call for exclusive book chapters:
“FinTech Research and Applications: Challenges and Opportunities”
[Transformations in Banking, Finance and Regulation series]

to be

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Editors

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Book description

The environment for international financial services has become extremely competitive and the financial services sector is more technology intensive than it has ever been. The recent global financial crisis along with the financial implications of the Covid-19 pandemic have revealed that the business models and regulatory frameworks in place in different countries are incomplete and insufficient to prevent further build ups of vulnerabilities in the financial services sector that can generate systemic risk in the financial system. Moreover, competition from non-bank financial intermediation and technology firms has forced banks and financial services firms to concentrate further on new business opportunities, new business models and modernised market practices that are based on digital transformation. Financial Technology (FinTech) is a rapidly growing industry that uses technology to improve financial services, serving both consumers and businesses alike but alongside these opportunities, regulatory challenges lie ahead.

FinTech has broad applications in areas such as mobile banking, insurance, fraud detection, cryptocurrencies, and financial markets forecasting. FinTech’s main themes, including big data, blockchain, robotics, and artificial intelligence (including machine learning) have reshaped the financial services industry in recent years and have offered innovative new products and business solutions. FinTech presents both opportunities and challenges for countries across the globe and is widely regarded as a key contributor to the development of the international financial services industry. It offers great opportunities for finance researchers to conduct meaningful, multidisciplinary cutting-edge research that lies at the intersection of finance and technology.

This book aims to provide insights on the latest developments in the area of FinTech. It is a collection of scientific articles covering all primary areas of finance. The Editors seek theoretical, empirical, and policy papers centred around (*though not limited to*) the following key themes:

- Artificial Intelligence and Machine Learning
- Cryptocurrencies
- Initial Coin Offerings (ICO)
- Blockchain applications
- Banking and payments
- Peer-to-peer lending
- Big data

- High-frequency trading and market liquidity
- Risk management
- Asset price prediction models
- Volatility modelling
- Portfolio management
- Digitalization in financial services
- Financial fraud detection
- Financial regulation in the new era of FinTech

The intended readership of the book spans both academic audiences and industry professionals working in the financial services sector who use (or intend to use) FinTech applications to improve their business processes. Policymakers, regulators, and investors will also be provided with new results and future perspectives on the impact of FinTech on financial markets, firm behaviors, and investment strategies.

Submissions

The Editors welcome high-quality empirical papers as well as theoretical research, including case and policy studies. Prospective contributors are invited to submit, before **May 31, 2021**, a 1-2 page chapter proposal (including a title, an abstract, and a tentative outline), clearly explaining the purpose, scope and contents of their proposed chapters (The submission of full chapters at this stage is highly encouraged).

All submitted chapters will go through a quick blind review process. Each contributor will receive a free copy of the edited book. **Please indicate the topic of your chapter.**

Time frame

Deadline for proposal submission: **May 31, 2021** (The submission of full chapters at this stage is highly encouraged)

Submission of full chapters: **August 31, 2021**

Revised chapters due: **September 30, 2021**

Book publication: **July/August 2022**

Contact

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Please put “*Book Chapter: FinTech Research and Applications: Challenges and Opportunities*” in the subject line.

The edited book will be part of the “Transformations in Banking, Finance and Regulation series” managed by Sabri Boubaker (*EM Normandie Business School, Paris, France*) and Duc Khuong Nguyen (*IPAG Business School, France*).