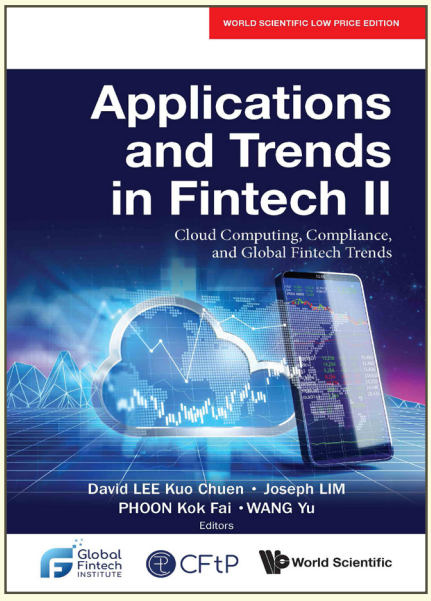
Applications and Trends in Fintech II

Cloud Computing, Compliance, and Global Fintech Trends



By **David LEE Kuo Chuen**
(Global Fintech Institute, Singapore &
Singapore University of Social Sciences, Singapore)

Joseph LIM, PHOON Kok Fai and WANG Yu
(Singapore University of Social Sciences, Singapore)

ISBN	9781944660741
Extent	272pp
Binding	Paperback
Year	2023
Price	Rs. 1495

ABOUT THE BOOK

This book is the second part of Applications and Trends in Fintech, which serves as a comprehensive guide to the advanced topics in fintech, including the deep learning and natural language processing algorithms, blockchain design thinking, token economics, cybersecurity, cloud computing and quantum computing, compliance and risk management, and global fintech trends. Readers will gain knowledge about the applications of fintech in finance and its latest developments as well as trends.

This fifth volume covers global fintech trends and emerging technologies such as cloud computing and quantum computing, as well as the compliance and risk management frameworks for fintech companies. Together with the first part in applications and trends (fourth volume), these two books will deepen readers' understanding of the fintech fundamentals covered in previous volumes through various applications and analysis of impacts and trends.

READERSHIP

Professionals, researchers, and advanced undergraduate and graduate students in the field of financial technology, data science, finance, financial innovation, statistics, and technology.

CONTENTS

Preface

Part A: Cloud Computing, Cybersecurity, and Quantum Computing:

- Cloud Computing
- Fundamentals of Cybersecurity
- Quantum Computing

Part B: Compliance and Risk Management:

- Technology Risk Management (TRM)
- Decentralized Regulation and Governance

Part C: Global Fintech Trends:

- Global Fintech Trends
- Unicorns and China Tech
- Technology Convergence
- Computational Law
- Impact of AI, Data, and Blockchain
- The Future Trends

ABOUT THE EDITORS

Professor David LEE Kuo Chuen is a professor at the Singapore University of Social Sciences and Adjunct Professor at the National University of Singapore. His other appointments are the founder of BlockAsset Ventures, the Chairman of Global Fintech Institute, Vice President of the Economic Society of Singapore, Co-founder of Blockchain Association of Singapore, and Council Member of British Blockchain Association. He has 20 years of experience as CEOs & Independent Directors of listed and tech companies and is a consultant and advisor to international organisations on food supply chain, blockchain, FinTech and Digital Currency.

Associate Professor Joseph LIM is with the Singapore University of Social Sciences where he teaches Finance. He has also taught at the National University of Singapore and the Singapore Management University as an adjunct and full-time professor. Joseph obtained his MBA from Columbia University and PhD from New York University. In between his stints in academia, he worked in various advisory positions in the areas of private equity and valuation. Joseph, who is a CFA charter holder, has served in various committees at the CFA Institute and as President of CFA Singapore. In addition, he was on the board and committees of various investment industry associations. In the non-profit sector, he was on the board of a pension fund and several endowment funds. He is a co-author of several popular college Finance textbooks.

Associate Professor Kok Fai PHOON teaches Finance at the School of Business, Singapore University of Social Sciences. He received his PhD in Finance from Northwestern University, MSc in Industrial Engineering from the National University of Singapore and BASc in Mechanical Engineering (Honours) from the University of British Columbia. His research interests focus on use of technology in portfolio management, wealth management and risk and complexity of financial products. In addition to his current position at SUSS, Kok Fai has taught at other universities in Singapore and at Monash University in Australia. He has worked at Yamaichi Merchant Bank, at GIC Pte Ltd and as Executive Director at Ferrell Asset Management, a Singapore hedge fund. He has published in academic journals including the *Review of Quantitative Finance and Accounting* and the Pacific Basin Finance Journal as well as practice journals like the *Financial Analyst Journal*, the *Journal of Wealth Management* and the *Journal of Alternative Investments*.

Ms Yu WANG (Cheryl) is a fintech research fellow at the Singapore University of Social Sciences FinTech and Blockchain Group. Her main research interests are fintech, machine learning, and asset pricing. Prior to SUSS, she worked at National University of Singapore, Business School as a research associate on corporate governance and sustainability. She graduated with an MSc in Applied Economies from Nanyang Technological University and BSc in Financial Engineering from Huazhong University of Sciences of Technologies. She has multiple journal papers, including an empirical study on sustainability reporting and firm value published on an SSCI journal, *Sustainability*, and one investigating cryptocurrency as a new alternative investment published on *Journal of Alternative Investments* that has been cited for over 200 times and recommended by *CFA Institute Journal Review*. She also serves as referee for various journals such as *Singapore Economic Review, Quarterly Review of Economics and Finance*, and *Journal of Alternative Investments*.

For orders and enquiries, please contact

FEEL Books

FEELBOOKS PVT. LTD. www.feelbooks.in

DELHI 4381/4 Ansari Road, Daryaganj, New Delhi 110002

Tel: +91-11-47472630 **Email:** orders@feelbooks.in

BENGALURU C-22, Brigade MM, KR Road, Jayanagar 7th Block, Bengaluru 560070

Tel: +91-80-26762129 **Email:** bangalore@feelbooks.in

MUMBAI • CHENNAI • KOLKATA • HYDERABAD

Catalogues & title lists

Please write to us at marketing@feelbooks.in

www.feelbooks.in

FOLLOW US ON facebook