

# Curriculum Vitae

## MIN-BIN LIN

Karlsruhe, Germany  
min-bin.lin@kit.edu  
<https://www.minbinlin.com/>

 *PhD in Statistics and Econometrics with expertise in data analysis and a passion for solving complex problem"*

### WORK & LEADERSHIP EXPERIENCE

- Karlsruhe Institute of Technology** Karlsruhe, DE  
Postdoc Researcher 01/24-Present  
Project: Tyre Road Noise — Data-based study of effects on controlled and real drive noise emission  
- WP: Preparation and development of (AI) methods  
- Funded by the German Federal Ministry of Digital and Transport, BMDV  
- Advisor: Sanja Lazarova-Molnar, Alexey Vinel
- IDA Institute Digital Assets, Bucharest University of Economic Studies** Bucharest, RO  
Affiliated Researcher 11/23-Present
- Humboldt Universität zu Berlin** Berlin, DE  
Scientific Researcher 10/19-03/23  
Project proposal writing:  
- DAKP Digital Asset Knowledge Proliferation (Asian Institute of Digital Finance, NUS, SG)  
- IDA Institute of Digital Assets (Romania's National Recovery and Resilience Plan)  
Course: DEDA-Digital Economy and Decision Analytics SS21 and WS 21/22  
PR for Blockchain Research Center (2020–21)  
Journal management: [Digital Finance](#) (2019-20)
- Kühne Logistics University** Hamburg, DE  
Scientific Researcher 09/18-09/19  
- Advisor: Asvin Goel  
- Business process modelling, resource allocation and scheduling, simulation optimization

#### Paper Review

Digital Finance, International Review of Financial Analysis

### EDUCATION

- Humboldt Universität zu Berlin** Berlin, DE  
PhD in Statistics and Econometrics (School of Business and Economics) 10/19-06/23  
- Grade: Summa cum laude  
- Dissertation: Measuring Tokenomics: Statistical Modeling and Analysis  
- Advisor: Wolfgang Karl Härdle (HUB), Cathy Yi-Hsuan Chen (Glasgow U)  
- Blockchain & cryptos, time series, econometrics, data visualization
- National University of Singapore** Singapore, SG  
Research visit 01/11-01/29/23  
- Advisor: Prof. Zhou Chao (Math Dept.)
- Humboldt Universität zu Berlin** Berlin, DE  
Exchange Student, School of Business and Economics 09/17-07/18
- National Tsing Hua University** Hsinchu, TW  
Master of Science, Industrial Engineering and Engineering Management 09/15-07/18  
- GPA: 4.25 / 4.30  
- Thesis: A quantile-based simulation-optimisation framework for stochastic resource allocation problems  
- Member of the Phi Tau Phi Scholastic Honour Society of the Republic of China (Top 1%)

### WORKING PAPERS

Lin MB (2024) The Chronicles of Ethereum: An Event Study on EIPs

LIN MB, Saftiuc BP, Pele DT (2024) Understanding Blockchain Technology. Book chapter: Handbook of Blockchain Analytics, Springer (to be published)

Lin MB, Lazarova-Molnar S, Vinel S (2024) Review on road traffic noise modeling: Embarking on a machine learning odyssey

## PUBLICATIONS

---

Wang BL, Lin MB, Härdle WK (2024) Non-fungible tokens and VizTech. Book chapter: Handbook of Blockchain Analytics, Springer (to be published)

Lin MB, Chen CYH, Härdle WK (2024) What drives crypto's volatility persistence? A data analytic probe on Ethereum (in review)

Ni XW, Lin MB, Schillebeeckx SJD, Härdle WK (2024) On SGX's voyage to corporate sustainability: Exploring emerging topics in multi-industry corpora (minor revision)

Wang YF, Lu WB, Lin MB, Ren R, Härdle WK (2023) Cross-exchange crypto risk: A high-frequency dynamic network perspective (R&R)

Lin MB, Wang BL, Bocart F, Hafner C, Härdle WK (2022) Accessing the robustness of hedonic price indices: A study on NFT digital artworks (in review)

Goel A, Lin MB (2022) Resource requirements in business process modelling from an operations management perspective. In 24th IEEE International Conference on Business Informatics: CBI Forum, Amsterdam, Netherland, June 15-17. DOI 10.1109/CBI54897.2022.10047

Lin MB, Khowaja K, Chen CYH, Härdle WK (2021) Blockchain mechanism and distributional characteristics of cryptos. Book Series: Advances in Quantitative Analysis of Finance & Accounting, 18. DOI: 10.6293/AQAFA.202112\_(18).0006

Ihde S, Pufahl L, Lin MB, Goel A, Weske M (2019) Optimized resource allocations in business process models. In International Conference on Business Process Management (pp. 55-71), Springer, Cham. DOI: 10.1007/978-3-030-26643-1\_4

Lin MB, Chen TL, Chen James C (2018) A self-adaptive niching genetic algorithm with elite-successor local search for quantile-based stochastic discrete resource allocation problems (master thesis)

## CONFERENCES

---

dd/mm/24 4th The Yushan Conference on Digital Finance, Hsinchu, TW (SPC)

08/12/23 3rd The Yushan Conference on Digital Finance, Hsinchu, TW (OC)

05/07/23 7th D-A-CH-Chain-Doktorandinnen-Workshop, U Kassel, DE

14/01-15/01/23 Workshop on Quantitative Finance, NUS , SG

11/24-11/25/22 Human vision/computer vision: Making sense of art, Lboro & The British Academy

08/01-08/03/22 Singapore Economic Review Conference, SG

06/20-06/21/22 Advances in Data Science and AI Conference, Manchester, UK

04/07-04/08/22 CryptoAssets and Digital Asset Investment Conference, Rennes, FR

06/17/21 European Supervisor Education Initiative (ESE): Crypto/Blockchain - Suptech workshop

05/17/21 SupTech event on Blockchain and Cyber Risk Management, Fin-tech EU Horizon 2020

04/01-04/03/18 International Symposium on Business and Management, Osaka, JP (Dist. paper)

06/25-06/28/17 International Conference on Advanced Technology Innovation, TH

## MISC

---

Languages English • Mandarin Chinese • Taiwanese • German (A2)

Technologies C • R • Python • Matlab • Flexsim • Arena • Netlogo (ABM)