

# Zhuang Chu

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Department of Finance  
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Updated: December 10, 2024  
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## Education

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**Hong Kong University of Science and Technology, Hong Kong S.A.R.**

Ph.D. in Finance, Department of Finance, 2019-2025 (expected)

**Peking University, Shenzhen, China**

M.A. in Finance and Economics, HSBC Business School, 2015-2018

**Central University of Finance and Economics, Beijing, China**

B.S. in Finance, 2009-2013

## Research Interests

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Sustainable Finance, Empirical Corporate Finance, Climate Risk, Energy Transition

## Working Papers

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- [1] How Does Political Leaning Affect Solar Power Plant Efficiency? Evidence from the US, Job Market Paper, 2024
  - **Presented at** HKUST Brown Bag, 2nd HEC-HKUST Sustainable Finance Workshop
- [2] Transition Risk under Capital Misallocation: The Deployment of Solar Power Plants in China, with Zhanhui Chen, 2024
  - **Presented at** NBER-SAIF Climate Finance and the Sustainable Energy Transition Meeting, 2024 China Financial Research Conference, HKUST Brown Bag\*, Southern University of Science and Technology\*
- [3] ES Performance and Voting Premium: Evidence from Option Prices, 2022

\* denotes presentation by co-authors

## Publications

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- [4] Effects of Renewable Energy Use in the Energy Mix on Social Welfare, with Kwangwon Ahn, and Daeyong Lee
  - *Energy Economics*, 96: 105174, 2021
- [5] Modeling GDP Fluctuations with Agent-based Model, with Kwangwon Ahn, Changyong Ha, and Biao Yang
  - *Physica A: Statistical Mechanics and its Applications*, 503, 2018

## Work in Progress

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- [6] Political Polarization and Households' Climate Adaptation, with Zhanhui Chen

## Conference and Presentations

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**2024:** NBER-SAIF Climate Finance and the Sustainable Energy Transition Meeting, China  
Financial Research Conference (CFRC), 2nd HEC-HKUST Sustainable Finance Workshop

## Awards and Fellowships

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HKUST Dean's PhD Fellowship, 2023-2024

HKUST Red Bird PhD Scholarship, 2023-2024

HKUST Postgraduate Studentship, 2019-2024

CUHK Excellence Academic Performance Scholarship, 2018

PKU Outstanding Graduates Award, 2018

## Teaching Experience

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Teaching Assistant, HKUST

- Investment Analysis (EMBA/MBA/MSc, Fall 2021/2022/2023)
- Green Finance and Capital Markets (MSc, Fall 2023/2024)
- ESG Investment (MSc, Spring 2021/2023)
- Quantitative Trading (UG, Spring 2022)
- Intermediate Corporate Finance (UG, Fall 2020)
- Fundamentals of Business Finance (UG, Fall 2020)

## Languages/Skills

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Languages: Mandarin (native), English (fluent)

Skills: R, SAS, Python, STATA, MATLAB

## References

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**Zhanhui Chen** (Supervisor)

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