

Ling Yuan
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Education

- 2025–2029* **PhD** in Logistics and Operations Management, Cardiff University
Project: *Improving Circular Economic Operations – Characterisation, Forecasting and Management of Circular Flows*
Supervisors: **Prof. Aris Syntetos, Dr. Thanos E. Goltzos**
Funding: **WGSSS ESRC PhD Studentship**
Industrial Partners: **Brother Industries UK Ltd, The Royal Mint, Sony UK**
- 2024–2025 **MRes** in Management Science, Lancaster University
Grade Classification: **Distinction**
Dissertation: *Dynamic Booking Control in Car Rental Industry* (80/100)
Supervisor: **Prof. Dong Li**
- 2019–2023 **BSc** in Statistics, Suzhou University
Ranked No.1 in cohort

Work Experience

- 2026–Now **Research Associates**, STOR-i Center, Lancaster University
- 2024–2025 **Graduate Teaching Assistant**, MSCI580: Analytics in Practice, Lancaster University
- 2023–2026 **Research Assistant**, Department of Management Science, Lancaster University,
Project: *Choice-Based Availability Controls for Urban Car-sharing Revenue Management*

Publications

Working Papers

- W1. Dong, L., Liu, J., Frimpong, R. & **Ling Yuan**. *Choice-Based Availability Controls for Urban Carsharing Revenue Management* Research Article, Prepare submission to **Manufacturing & Service Operations Management**.
- W2. **Ling Yuan** & Dong, L. *Dynamic Booking Control and Extension Pricing for Car Rental Revenue Management* Research Article, Prepare Resubmission to **Production and Operations Management**.

*Expected.

- W3. Tang, J., **Ling Yuan** & Xiong, Y. *The Impact of Generative Artificial Intelligence on Stock Market Reaction: An Empirical Study of Listed Companies in the United States* Research Article.

Peer-Reviewed Conference Proceedings

- C1. **Ling Yuan** & Sun, S. *Research on E-Sports User Preferences and User Characteristics of Student Groups in Anhui Province in Proceedings of the 2nd International Academic Conference on Blockchain, Information Technology and Smart Finance (ICBIS 2023)* (Atlantis Press, 2023), 184–190.
- C2. Qi, J., Li, W., Li, X. & **Ling Yuan**. *Research on Entropy-Weighting TOPSIS Method Based on Shanghai Digital Economy Index System in Proceedings of the 2022 International Conference on Computer Science, Information Engineering and Digital Economy (CSIEDE 2022)* (Atlantis Press, 2022), 656–662.
- C3. **Ling Yuan**, Sun, S., Dong, J., Zhang, B. & Lu, W. *Research on Coupling and Coordination of Rail Demand Market in 2021 4th IEEE International Symposium on Traffic Transportation and Civil Architecture (ISTTCA)* (IEEE, 2021), 55–58.

Awards & Honors

2026	IIF UK Chapter - Travel Grant
2026	Cardiff University Doctoral Academy Development Fund
2026	Association of European Operational Research Societies Bursary
2025	Welsh Graduate School for the Social Sciences(WGSSS DTP) Studentship
2024	Lancaster University Management School Excellent Scholarship

Skills

Programming: Python; R; MATLAB

Software: Stata; Eviews; SPSS; SQL

Other: \LaTeX ; Markdown; Word; Excel; PPT; LLM

Other Experience

2026	IIF UK Chapter - Quarterly Forecasting Forum Lancaster, Presenter
2026	IJOPM Hong Kong Workshop, The Hong Kong Polytechnic University, Presenter

Academic Referees

Prof. Dong Li

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Department of Management Science
Lancaster University Management School
Lancaster University, LA1 4YX
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Prof. Aris Syntetos

Distinguished Research Professor, DSV Chair
Director of PARC Institute and RemakerSpace
Cardiff Business School
Cardiff University, CF10 3EU
Email: syntetosa@cardiff.ac.uk

Assoc. Prof. Thanos E. Goltso

Senior Lecturer (Associate Professor)
Co-director of Data Lab for Social Good
Cardiff Business School
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