

Curriculum Vitae



Dr Zhao Qitong

Lecturer, Logistics and Supply Chain Management Programme
School of Business

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Education Qualifications

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| 2018 | Ph.D., Industrial Systems Engineering and Management, National University of Singapore |
| 2013 | B.Eng., major in Naval Architecture and Marine Engineering, Tianjin University
B.Mgt., minor in Financial Management, Tianjin University |

Academic and Professional Experience

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| 2019 - Present | Lecturer, School of Business, Singapore University of Social Sciences |
| 2018 - 2019 | Research Fellow, Centre of Excellence in Modelling and Simulation for Next Generation Ports, National University of Singapore |
| 2017 - 2018 | Research Engineer, Department of Industrial Systems Engineering and Management, National University of Singapore |
| 2014 - 2017 | Teaching Assistant, National University of Singapore |

Memberships and Professional Activities

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| 2017 - Present | Member, INFORMS |
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Research Interests

- Simulation and Optimization
- Smart Transportation, Automated Guided Vehicles System (AGVS)
- Automation in Logistics Systems
- Port operations
- Data analytics

Selected Publications

Journal:

- Zhou, C., **Zhao, Q.**, & Li, H. (2018). Two-stage Simulation Optimization Approach on Traffic Integrated Yard Allocation Problem in Transshipment Terminals. Flexible Services and Manufacturing. Under 3rd Round Review.
- **Zhao, Q.**, Zhou, C. & Pedrielli, G. (2019). Driver Experience Based Data-driven Vehicle Routing Problem. Asia-Pacific Journal of Operational Research. Under Review.
- **Zhao, Q.**, Lee, L.H. & Chew, E.P. Module-based Routing and Scheduling Problem in Large-Scale AGV System in Transshipment Terminals. Working paper.

Conferences:

- AGV Control in Large-scale Parallel Transshipment Container Terminal. INFORMS Annual, Phoenix, 4-7 November, 2018
- Simulation Optimization Approach on Traffic Considered Yard Allocation Problem in Automated Container Terminal. INFORMS International, Taipei, 17-20 June, 2018
- Two-Stage Simulation-Based AGV Routing in Parallel Yard Container Terminal. IISE Annual, Pittsburgh, 20-23 May, 2017
- Modular Control of the AGV System in Horizontal Container Terminal. MTEC, Singapore, 26-28 April, 2017
- Real-time Deadlock-free Routing for AGV System in Container Terminal. LOGMS, Sydney, 21-23 June, 2016

Certification and Awards

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| 2018 | Second Award, Best Practical Award, National Contest on Reverse Logistics Design, China |
| 2014 | Certificate in University Teaching for Teaching Assistant, NUS |

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