ZILIANG JIN

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Faculty of Business, The Hong Kong Polytechnic University,
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RESEARCH INTERESTS

- **_Methodologies:_** Robust and Data-Driven Optimization, Stochastic and Discrete Optimization, Machine Learning

- **_Applications:_** Power System, Smart City Operations, Shared Mobility

EDUCATION

Faculty of Business, **The Hong Kong Polytechnic University**, Hong Kong
Ph.D. Candidate (Hong Kong PhD Fellowship Scheme awardee), Aug 2020 - Present
- Advisor: Dr. Kai Pan

KTH Royal Institute of Technology, Stockholm, Sweden
M.Sc., Production Engineering and Management, Aug 2018 - Jul 2020

South China University of Technology, Guangzhou, China
B.S., Management Science, Aug 2014 - Jun 2018

PUBLICATIONS

Ziliang Jin, Yulan Wang, Yun Fong Lim, Kai Pan and Zuo-Jun Max Shen. "Vehicle Rebalancing in A Shared Micromobility System with Rider Crowdsourcing," **_Manufacturing & Service Operations Management_**, 25(4): 1394-1415, 2023.

Qian Lei, Juan He, Chao Ma and Ziliang Jin. "The Impact of Consumer Behavior on Preannounced Pricing for A Dual-Channel Supply Chain," _International Transactions in Operational Research_, 27(6): 2949-2975, 2020.

Ziliang Jin, Kai Pan, Lei Fan and Tao Ding. "Data-Driven Look-Ahead Unit Commitment Considering Forbidden Zones and Dynamic Ramping Rates," _IEEE Transactions on Industrial Informatics_, 15(6): 3267-3276, 2019.

Heng Yang, Ziliang Jin, Jianhua Wang, Yong Zhao, Hejia Wang and Weihua Xiao. "Data-Driven Stochastic Scheduling for Energy Integrated Systems," _Energies_, 12(12): 2317, 2019.

PAPERS UNDER REVIEW/REVISION

"Integrated Vehicle Allocation and Relocation for Shared Micromobility under Competition and Demand Uncertainty" (with _Kai Pan_, _Zuo-Jun Max Shen_, and _Wenxin Xu_), under Reject and Resubmit at **Production and Operations Management**.

PROFESSIONAL SERVICE

- Reviewer of _IEEE Transactions on Sustainable Energy_; _RAIRO-Operations Research_

- Session Chair, INFORMS 2022 Annual Meeting

PRESENTATIONS

- 2022 – 2023 INFORMS Annual Meeting, USA

- CSAMSE 2023, China

- POMS-HK 2022, Hong Kong

- IFORS 2021, South Korea

PROFESSIONAL MEMBERSHIP

INFORMS, POMS

EMPLOYMENT

The Hong Kong Polytechnic University   Mar 2018 - Jun 2018, Jun 2019 - Aug 2019
Research Assistant

HONORS & AWARDS

- Hong Kong PhD Fellowship Scheme Awardee   2020

- The most competitive PhD scholarship in Hong Kong. Supported by Research Grants Council of Hong Kong.

- Outstanding Service, Production & Operations Management Society   2021

TEACHING EXPERIENCE

The Hong Kong Polytechnic University

Teaching Assistant:
1. LGT4017: Information Systems for Logistics Management, 2022 Spring

2. LGT4115: E-commerce and Logistics, 2022 Spring

3. LGT5113: Enterprise Resource Planning, 2022 Spring