

Jingxuan Geng

Industrial and Operations Engineering, University of Michigan
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ACADEMIC APPOINTMENT

University of Michigan, Ann Arbor

September 2024 – Present

Postdoc in Industrial and Operations Engineering

Advisor: Saif Benjaafar

EDUCATION

Temple University, Fox School of Business

September 2019 – August 2025

Ph.D. in Operations and Supply Chain Management

Advisor: Guangwen (Crystal) Kong

Dissertation: Navigating Innovative Marketplaces: Models and Data-Driven Strategic Behaviors and Operations

Committee Members: Subodha Kumar, Marco Shaojun Qin, Hailong Cui, Sezgin Ayabakan

Harbin Institute of Technology, School of Management

August 2017 – June 2019

M.S. in Management Information Systems

Harbin Institute of Technology, School of Management

August 2013 – June 2017

B.A. in Management Information Systems

RESEARCH INTERESTS

Topic: Platform Operations, Telemedicine, Retailing

Methodology: Analytical Modeling, Structural Estimation, Neural Network, Causal Inference

HONORS AND AWARDS

Runner-Up, POMS CBOM Junior Scholar Paper Competition, 2025.

Finalist, INFORMS TIMES Best Working Paper Award Competition, 2023.

Finalist, INFORMS Conference on Service Science Best Student Paper, 2020.

First Place, PhD Student Research Competition at Fox School of Business, 2023.

PUBLICATIONS AND WORKING PAPER

Geng Jingxuan, Kong Guangwen Kong, Qin Marco. When Less is More: Control Limit Strategies in a Diagnosis Crowdsourcing Platform. *Under second-round review at Management Science after reject and resubmit in 1st round review.* [SSRN]

- **Finalist in INFORMS TIMES Best Working Paper Award Competition, 2023.**
- **Finalist in INFORMS Conference on Service Science Best Student Paper, 2020.**
- **First Place, PhD Student Research Competition at Fox School of Business, 2023.**

Cui Hailong, **Geng Jingxuan**, Kong Guangwen. (Alphabetical Order) Replacing What Could Be Repaired: A Structural Analysis of Two-Stage Diagnostic Decisions in Managing Shared-Bike Returns using Neural Network. *Revising for submission to Management Science.* [SSRN]

- **Runner-Up in POMS CBOM Junior Scholar Paper Competition, 2025.**

Geng Jingxuan, Mehra Amit, Kumar Subodha. Pricing and Physical Channel Choice Strategies for a Multi-channel Retailer Under Consumer Showrooming and Webrooming Behaviors. *Under review at Information Systems Research.*

Geng Jingxuan, Dong Ziqi, Kong Guangwen, Yu Qiuping. Timing Matters: Crowdsourcing Workers in On-demand Freight Matching Platforms. *Preparing for submission.*

Geng Jingxuan, Benjaafar Saif. Peer-to-Peer Sharing: Implications for Production, Consumption, and Social Welfare in the Prosumer Economy. *Working in Progress*.

Geng Jingxuan, Mehra Amit, Kumar Subodha. (2024) Pricing and Physical Channel Choice Strategies for a Multi-channel Retailer Under Consumer Showrooming and Webrooming Behaviors. **ICIS 2024 Proceedings**.

SELECTED CONFERENCE PRESENTATIONS

Geng J, Kong G, Qin M. When Less is More: Analysis and Empirical Evidence of Control Limit Strategies in a Diagnosis Crowdsourcing Platform.

- Manufacturing and Service Operations Management (**MSOM**) Conference 2024, Minneapolis, MN
- The Conference on Health IT and Analytics (**CHITA**), 2023, Washington D.C.
- Manufacturing and Service Operations Management (**MSOM**) Conference 2022, Munich, Germany
- Seventh Marketplace Innovation Workshop (**MIW**), 2022, online
- The 13th International Conference of the Chinese Scholars Association for Management Science and Engineering (**CSAMSE**), 2021, Shanghai, China
- Manufacturing and Service Operations Management (**MSOM**) Conference, 2021, online
- INFORMS Annual Meeting 2020-2025
- Annual POMS Conference 2020-2025

Cui H, **Geng J**, and Kong G. Replacing What Could Be Repaired: A Structural Analysis of Two-Stage Diagnostic Decisions in Managing Shared-Bike Returns.

- Tenth Marketplace Innovation Workshop (**MIW**), 2025, online
- Manufacturing and Service Operations Management (**MSOM**) Conference 2024, Minneapolis, MN
- 16th Annual Behavioral Operations Conference (**BOC**), 2023, Baltimore, MD
- INFORMS Annual Meeting, 2022, 2024
- Annual POMS Conference, 2022-2025

Geng J, Mehra A, Kumar S. Pricing and Physical Channel Choice Strategies for a Multi-channel Retailer Under Consumer Showrooming and Webrooming Behaviors.

- China Workshop on Economics of Information Systems Theory (**CWEIST**), 2022, online
- The 2021 Workshop on Information Technologies and Systems (**WITS**), 2021, Austin, TX
- Decision Sciences Institute 51st Annual Conference (**DSI**), 2020, online
- The 2020 Conference on Information Systems and Technology (**CIST**), 2020, online

Geng J, Dong Z, Kong G, Yu Q. Timing Matters: Crowd-Sourcing Workers in On-demand Freight Matching Platforms.

- Eighth Marketplace Innovation Workshop (**MIW**), 2023, online
- INFORMS Annual Meeting, 2024
- Annual POMS Conference, 2024, 2025

TEACHING

Industrial and Operations Engineering, University of Michigan

Ann Arbor, MI

Guest Lecturer

- **Graduate Course:** Optimization Methods in Supply Chain Management

Spring 2025

Fox School of Business, Temple University

Philadelphia, PA

Instructor

- **Undergraduate Course:** Operations Management
- **Undergraduate Course:** Operations Management

Scheduled Spring 2026

Fall 2022

Evaluations:

- 4.7/5 on metric: “The instructor was organized and prepared for class.”
- 4.5/5 on metric: “So far, the instructor has applied grading policies fairly.”

Carlson School of Management, University of Minnesota

Minneapolis, MN

Guest Lecturer

- **PhD Course:** Analytical Models for Operations Management

Fall 2023

Fox School of Business, Temple University

Philadelphia, PA

Teaching Assistant

- **DBA Course:** Innovation and Entrepreneurship in the New Economy
- **Undergraduate Course:** Operations Management

Spring 2022

Spring 2022

Teaching Interest: Operations Management, Data Analytics, Machine Learning/Artificial Intelligence, Business Statistics, Disruptive Technologies in OM, Information Systems, Data Management and Big Data, Python Programming, R Programming

SERVICES

Reviewer

- Manufacturing & Service Operations Management Journal (**MSOM**)
- Production and Operations Management Journal (**POMS**)
- European Journal of Operational Research (**EJOR**)
- Naval Research Logistics (**NRL**)
- Electronic Commerce Research and Applications (**ECRA**)
- International Conference on Information Systems (**ICIS**), 2024
- Conference on Information Systems and Technology (**CIST**), 2023
- Workshop on Information Technologies and Systems (**WITS**), 2023
- INFORMS BOM Best Working Paper Competition, 2025

Session Chair

- INFORMS Annual Meeting, 2023
- POMS Annual Conference, 2022, 2023
- DSI Annual Conference, 2021

GRANTS

Total: \$ 14,300

\$ 6,000 Summer Research Grant, May 2025

\$ 2,800 Seed Funding Grant from Young Scholars Interdisciplinary Forum, Fall 2022

\$ 500 Seed Funding Grant from Young Scholars Interdisciplinary Forum, Fall 2021

\$ 1,000 Seed Funding Grant from Young Scholars Interdisciplinary Forum, Spring 2021

\$ 2,500 Seed Funding Grant from Young Scholars Interdisciplinary Forum, Fall 2020

\$ 1,500 Seed Funding Grant from Young Scholars Interdisciplinary Forum, Spring 2020

INDUSTRIAL COLLABORATION

C.H. Robinson, HOURCAR, Mobike, WeDoctor

SKILLS

Programming Skills: Python, MATLAB, R.
Statistical Software: Stata, SPSS.

REFERENCES

Guangwen Kong

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and Data Science
Cochrane Research Fellow
Fox School of Business, Temple University
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Sampath Rajagopalan

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Distribution Management
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Qiuping Yu

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and Business Analytics
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Georgetown University
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Saif Benjaafar

*Seth Bonder Collegiate Professor
Industrial and Operations Engineering
University of Michigan, Ann Arbor
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Subodha Kumar

*Paul R. Anderson Distinguished Chair Professor
Professor of Statistics, Operations, and Data Science
(Secondary appointment in IS)
Fox School of Business, Temple University
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Hailong Cui

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University of Minnesota
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