Titing Cui

Website: tcui-pitt.github.io
Email: tic54@pitt.edu
GitHub: github.com/tcui-pitt

EDUCATION

University of Pittsburgh — Pittsburgh, PA
Ph.D. in Business Analytics and Operations, Advisor: Prakash Mirchandani, Michael L. Hamilton — 2019–Current

KTH Royal Institute of Technology — Stockholm, Sweden
M.S. in Applied and Computational Mathematics — 2017–2019

Zhejiang University — Hangzhou, China
B.S. in Mathematics and Applied Mathematics — 2013–2017

WORKING PAPERS

1. Titing Cui, Michael L. Hamilton. *Optimal Feature-Based Market Segmentation and Pricing.*

   - Submitted.
   - Accepted in The 18th Conference on Web and Internet Economics (WINE), 2022.
   - Third Place, INFORMS Service Science Best Cluster Paper Award, 2022.

2. Titing Cui, Michael L. Hamilton. *Pricing Strategies for Online Dating Platforms.*

   - Submitted.

3. Titing Cui, Esther Gal-Or, Mike Gordon, Michael L. Hamilton, Jennifer Shang. *The Effects of Competition on Corporate Sustainability.*

   - Submitted.

WORK IN PROGRESS

1. Titing Cui, Michael L. Hamilton, Jia Su. *Fee Structures for Online Plaforms.* In progress.

PUBLICATIONS

1. Wenjie Xu, Titing Cui, and Minghua Chen. *Optimizing Two-Truck Platooning with Deadlines.*

   - Accepted in IEEE Transactions on Intelligent Transportation Systems, 2022.

PRESENTATIONS

Note: The (C) implies the talk was given online.

1. *"Optimal Feature-Based Market Segmentation and Pricing"*

   - INFORMS Annual Conference 2022, Indianapolis, In. — Oct. 2022
   - INFORMS Annual Conference 2021, Anaheim CA. — Oct. 2021
   - RMP Section Conference 2021, Remote Conference. (C) — July 2021
   - CORS Annual Conference 2021, Remote Conference. (C) — June 2021

2. *"Pricing Strategies for Online Dating Platforms"*

- The 18th Conference on Web and Internet Economics , Troy, NY, USA,   Dec, 2022.
- INFORMS Annual Conference 2022, Indianapolis, In.   Oct. 2022
- University of Toronto, Rotman Young Scholar Seminar.   July 2022
- RMP Section Conference 2022, Remote Conference. (C)   July 2022
- MSOM Annual Conference 2022, Munich.   June 2022
- CORS Annual Conference 2022, Remote Conference. (C)   June 2022

TEACHING

- **Instructor** at University of Pittsburgh
  Data Mining (BQOM 2578)   *Fall 2022*
- **Teaching Assistant** at University of Pittsburgh
  Healthcare Operations and Supply Chain Management (BQOM 2535)   *Summer 2021, Spring 2022, 2023*
  Statistical Analysis: Uncertainty   *Fall 2021*
  Strategic Procurement   *Spring 2021*

SCHOLARSHIPS AND AWARDS

- Sheth Fellowship   2022
- Rockwell Foundation Fellowship   2019
- KTH Scholarship   2017

PROFESSIONAL SERVICES

- Organization Committee   2022
  YinzOR Student Conferences, Carnegie Mellon University.

SKILLS AND OTHERS

Programming Language: Python, R, Mathematica, Stata, Matlab, C, SQL, LaTeX
Language: Mandarin (native), English (fluent).
Hobbies: Badminton, Tennis, Ping Pong.