

ZEPENG CHEN

E-mail: zepeng.chen@polyu.edu.hk *Website:* <https://zep-chen.github.io>

APPOINTMENTS

The Hong Kong Polytechnic University
Research Assistant Professor

Hong Kong
2025-Present

EDUCATION

The Hong Kong Polytechnic University
Ph.D. in Operations Management
M.Phil in Operations Management
Advisors: Guang XIAO, Yulan WANG and Xiaomeng GUO

Hong Kong
2022-2025
2020-2022

University of Connecticut
Visiting Ph.D. in Operations and Information Management
Advisors: Fasheng XU

Connecticut, USA
2024

Sun Yat-sen University
M.S. in Management Science and Engineering
Advisors: Ke FU

Guangzhou, China
2018-2020

South China University of Technology
B.B.A. in Industrial Engineering
B.E. in Computer Science & Technology

Guangzhou, China
2014-2018
2015-2018

JOURNAL PUBLICATIONS

1. Geng X., Chen Z., Guo X., Xiao G. (2022) **Duopoly Price Competition with Quality Improvement Spillover**. *Naval Research Logistics* 69(7): 958-973.

WORKING PAPERS

1. Chen Z., Guo X., Xiao G., Xu F. (2023) **Innovation Against Imitation: How to Compete with Crowdfunding Copycats?** *SSRN* 4365788. Under minor revision at *Manufacturing & Service Operations Management*.
 - Accepted for 2023 MSOM iFORM SIG Conference
2. Chen Z., Guo X., Wang Y., Xiao G., Pricing Strategies Against Quality Imitation.

OTHER PUBLICATIONS

1. Fišar, M., Greiner, B., Huber, C., Katok, E., Ozkes, A., and the Management Science Reproducibility Collaboration (2024). **Reproducibility in Management Science**. *Management Science*, 70(3), 1343-1356. (Note: Member of the Management Science Reproducibility Collaboration.)

CONFERENCES PRESENTATIONS

Innovation Against Imitation: How to Compete with Crowdfunding Copycats?

POMS-HK, Virtual (Session Chair) 2022
POMS Annual Conference, Orlando, USA 2023
MSOM SIG in iFORM, Montreal, Canada 2023

Duopoly Price Competition with Quality Improvement Spillover

POMS-China, Virtual 2022

SERVICES

Ad-hoc Reviewer: Omega

TEACHING INTERESTS & EXPERIENCE

Teaching Interests

Marketing Models, Digital Marketing, supply chain management, data analytics, machine learning, supply chain finance and fintech

Lecturer-in-Charge - The Hong Kong Polytechnic University

LGT4312 - Managing Innovation and Technology (Undergraduate)

Teaching Assistant - The Hong Kong Polytechnic University

LGT2106 - Principles of Operations Management (Undergraduate)

LGT5426 - Managing Innovation (Master)

Teaching Assistant - Sun Yat-sen University

Data, Model and Decision-making (MBA)

Operations Management (MBA)

RESEARCH TRAINING

Optimization, Stochastic Process, Inventory Management, Game Theory, Social Network Analysis, Microeconomic Theory, Econometric Theory, Machine Learning Theory.

TECHNICAL SKILLS

Programming Languages: Python, R, SQL, MATLAB, Linux Shell, L^AT_EX

Data analysis & Statistical inference: Data Crawling, Data Manipulation, Data Visualization

Mathematical Modeling: Mathematica, Matlab

REFERENCES

Guang Xiao

Associate Professor

Department of Logistics and Maritime Studies

Faculty of Business

The Hong Kong Polytechnic University

Email: guang.xiao@polyu.edu.hk

Yulan Wang

Professor

Department of Logistics and Maritime Studies

Faculty of Business

The Hong Kong Polytechnic University

Email: yulan.wang@polyu.edu.hk

Xiaomeng Guo

Associate Professor

Department of Logistics and Maritime Studies

Faculty of Business

The Hong Kong Polytechnic University

Email: xiaomeng.guo@polyu.edu.hk

Fasheng Xu

Assistant Professor

Department of Operations and Information Management

School of Business
University of Connecticut
Email: fasheng.xu@uconn.edu