Yang Bo
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Employment

The Chinese University of Hong Kong, Hong Kong   2017 – Present
Assistant Professor, Department of Decisions, Operations and Technology

Education

The University of Texas at Dallas, Richardson, TX, USA   2017
Doctor of Philosophy, Operations Management, Naveen Jindal School of Management

Tsinghua University, Beijing, China   2012
Bachelor of Science, Mechanical Engineering

Expertise and Interests

Applications: On-Demand Platforms, Service Operations, Supply Chain Management

Methodologies: Causal Inference, Reinforcement Learning, Dynamic Program, Stochastic Optimal Control

Research

- Yang Bo, Guangwen Kong, "*Ride-Hailing Platforms: A Near-Optimal Policy for Pricing, Matching, and Spatial Routing*," Work in Progress.
- Yang Bo, Milind Dawande, Ganesh Janakiraman, Shouqiang Wang, "*On an Open Question of Küçükgül, Özer, and Wang (2022)*," To be Submitted Soon.
- Yang Bo, Milind Dawande, Ganesh Janakiraman, "*Food-Delivery Platforms: A Near-Optimal Policy for Capacity Sizing, Order Batching, and Spatial Routing*," under review at **Management Science**.
- Milind Dawande, Tim Huh, Ganesh Janakiraman, Mahesh Nagarajan, Yang Bo, "*Case Article – The SafeBirth Clinic*," **INFORMS Transactions on Education** 21(3):145-147. 2021.
- Yang Bo, Milind Dawande, Tim Huh, Ganesh Janakiraman, Mahesh Nagarajan, "*Determining Process Capacity: Intractability and Efficient Special Cases*," **Manufacturing & Service Operations Management** 21(1):139-153. 2019.
- Yang Bo, Milind Dawande, Ganesh Janakiraman, "*Analysis of Scrip Systems: On an Open Question in Johnson et al. (2014)*," **Operations Research** 66(3):611-619. 2018.
- Yang Bo, Milind Dawande, Ganesh Janakiraman, S. Thomas McCormick, "*On Integral Policies in Deterministic and Stochastic Distribution Systems*," **Operations Research** 65(3):703-711. 2017.

Invited Seminar Talks

The Hong Kong Polytechnic University	2018
Katz Graduate School of Business, University of Pittsburgh	2017
Erasmus University Rotterdam	
Lazaridis School School of Business and Economics, Wilfrid Laurier University	
Nanyang Business School, Nanyang Technological University	
The Chinese University of Hong Kong Business School	2016

Conference Presentations

Food-Delivery Platforms: A Near-Optimal Policy for Capacity Sizing, Order Batching, and Spatial Routing
   (Scheduled) INFORMS 2023 Annual Meeting, Phoenix, AZ   October 2023

Determining Process Capacity: Intractability and Efficient Special Cases
   INFORMS 2017 Annual Meeting, Houston, TX   October 2017
   INFORMS 2016 Annual Meeting, Nashville, TN   November 2016

Analysis of Scrip Systems: On an Open Question in Johnson et al. (2014)
   9th POMS-HK International Conference, CUHK, Hong Kong   January 2018

On Integral Policies in Deterministic and Stochastic Distribution Systems
   POMS 27th Annual Conference, Orlando, FL   May 2016
   INFORMS 2015 Annual Meeting, Philadelphia   November 2015

Teaching Experience

The Chinese University of Hong Kong
   DSME 6654BA – Business Process Analytics and Simulation (graduate elective)   F 20–22, W 23
   DSME 4260 – Business Process Analytics (undergrad elective)   F 18–22, S23, F 23
   DSME 2011 – Statistical Analysis for Business Decisions (undergrad core)   F 17–21, F 23, S 22

The University of Texas at Dallas
   OPRE 3333 – Quantitative Business Analysis (undergrad core)   S 16

Services

Professional Conferences
POMS-HK International Conference Organizing Committee   2018, 20, 22, 23
Reviewer for POMS-HK International Conference   2018-20, 22
Session Chair at 9th POMS-HK International Conference, CUHK, Hong Kong   2018

Journal Referee
M&SOM, POM, Naval Research Logistics

The Chinese University of Hong Kong
OM Area Inter-departmental Workshop Coordinator   2019-21

Professional Affiliations

Institute for Operations Research and the Management Sciences (INFORMS)
   The Manufacturing and Service Operations Management Society (MSOM)
   Applied Probability Society (APS)
   Revenue Management and Pricing Section (RMP)
   Simulation Society
   Data Mining Society
   Optimization Society
   Service Science Section
   Behavioral Operations Management Section

Production and Operations Management Society (POMS)

Decision Science Institute (DSI)