

# Yimin Yu

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Department of Management Sciences  
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## Education

2009 Ph.D., Industrial Engineering  
University of Minnesota, Twin Cities, MN U.S.A.

## Academic Honors

- INFORMS Junior Faculty Interest Group (JFIG) paper competition, Finalist, 2011
- IIE Pritsker Doctoral Dissertation Award, 2nd Award 2009
- Dean's Research Excellence Awards, 2019

## Editorial Board

Associate Editor, Service Science (published by INFORMS), 2019--

## Selected Publications

(\*indicates a supervised PhD student or postdoctoral fellow)

1. David Chen, Chris Tang, Huihui Wang\*, Rowan Wang, Yimin Yu, Offering free upgrades even before stocks run out: the value of proactive upgrades," *Manufacturing & Service Operations Management*, accepted, 2022.
2. Xiaobei Shen\*, Yimin Yu, Jing-Sheng Song, Optimal policies for a multi-echelon inventory problem with service time target and expediting, *Manufacturing & Service Operations Management*, accepted, 2021.
3. Xiaobei Shen\*, Yimin Yu, Tim Huh, A permutation-dependent separability approach for capacitated two-echelon inventory systems, *Operations Research*, forthcoming, <https://doi.org/10.1287/opre.2021.2194>, 2021.
4. Hanlin Liu\*, Yimin Yu, Incentives for shared services: multi-server queueing systems with priorities, *Manufacturing & Service Operations Management*, forthcoming, <https://doi.org/10.1287/msom.2021.1034>, 2021.
5. Han Zhu\*, Yimin Yu, Saibal Ray, Quality disclosure strategy under customer learning opportunities, *Production and Operations Management*, 30(4), 1136-1153, 2021.
6. Hanlin Liu\*, Yimin Yu, Saif Benjaafar, Huihui Wang\*, Price-directed cost sharing and demand allocation among service providers with multiple demand sources and multiple

facilities, *Manufacturing & Service Operations Management*, <https://doi.org/10.1287/msom.2020.0931>, 2021.

7. Yimin Yu, Xiangyin Kong\*, Robust contract designs: linear contracts and moral hazard, *Operations Research*, 68(5), 1457-1473, 2020.
8. Xiaobei Shen\*, Yimin Yu, Capacity allocation with multiple suppliers and multiple demand classes, *Production and Operations Management*, 28(11), 2792-2807, 2019.
9. Xiaobei Shen\*; Lina Bao\*, Yimin Yu, Zhongsheng Hua, Managing supply chains with expediting and multiple demand classes, *Production and Operations Management*, 28(5), 1129–1148, 2019.
10. Xiaobei Shen\*; Lina Bao\*, Yimin Yu, Coordinating inventory and pricing decisions with general price-dependent demands. *Production and Operations Management*, 27(7), 1355-1367, 2018.
11. Yi Yang, Yimin Yu and Tingliang Huang, Myopic analysis for multi-echelon inventory systems with batch ordering and nonstationary/time-correlated demands, *Production and Operations Management*, 26(1), 31-46, 2017.
12. Yimin Yu, Saif Benjaafar and Yigal Gerchak, Capacity sharing and cost allocation among independent firms with congestion, *Production and Operations Management*, 24(8), 1285-1310, 2015.
13. Maggie Chuoyan Dong, Zhiqiang Liu, Yimin Yu and Jinhui Zheng, Opportunism in distribution networks, the role of network embeddedness and dependency, *Production and Operations Management*, 24(10), 1657-1670, 2014.
14. Tingliang Huang and Yimin Yu, Sell probabilistic goods? A behavioral explanation for opaque selling, *Marketing Science*, 33(5), 743-759, 2014.

### **Current PhD Students**

- YANG Yihang (2017- Ph.D student, B.S. Southeast University)
- WANG Qian (2017- Ph.D student, B.S.USTC)
- KOU Binghan (2018- Ph.D student, B.S. Beijing Normal University)
- LI Xiaoxiao (2019- Ph.D student, B.S. Xi'an Jiaotong University)
- LI Zheyi (2019- Ph.D student, B.S. Beijing Normal University)
- CHENG Qi (2019- Ph.D student, B.S.USTC)
- LIN Jingwen (2020- Ph.D student, B.S.USTC)
- ZHANG Xiaohan (2021- Ph.D student, Nanjing University)
- LEI Bozhuang (2021- Ph.D student, B.S. Xi'an Jiaotong University)

### **Doctoral and Post-Doctoral Students Supervised**

- Dr. CHEN Li Ph.D 2013, analyst, private fund
- Dr. SHEN Xiaobei postdoc, associate professor at USTC
- Dr. WANG Huihui Ph.D 2016, assistant professor, Shanghai University
- Dr. BAO Lina Ph.D 2017, assistant professor, Zhejiang University
- Dr. LIU Hanlin Ph.D 2018, assistant professor, Southern University of Science & Technology

• Dr. KONG Xiangyin Ph.D 2020, assistant professor, USTC