

## Chen Chen

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VERSION	October 2023	
CONTACT INFORMATION	NYU Shanghai, Room S810 567 W Yangsi Rd, Pudong Shanghai, China, 200124	EMAIL: <a href="mailto:cc8029@nyu.edu">cc8029@nyu.edu</a> PHONE: +86 (021) 2059-5191 WEB: <a href="https://cc8029.github.io/">https://cc8029.github.io/</a>
RESEARCH INTERESTS	Pricing and Revenue Management, Stochastic Approximation Methods, Stochastic Modeling	
ACADEMIC APPOINTMENTS	<b>New York University Shanghai</b> , Shanghai, China Assistant Professor of Operations and Business Analytics	2022 - current
	<b>University of Chicago, Booth School of Business</b> , Chicago, IL Postdoctoral Researcher in Operations Management Area Hosts: Prof. Ozan Candogan and Prof. Rad Niazadeh	2020 - 2022
EDUCATION	<b>Duke University</b> , Durham, NC Ph.D. in Decision Sciences, Fuqua School of Business Committee: Prof. David B. Brown (advisor), Prof. Santiago R. Balseiro (advisor), Prof. N. Bora Keskin, and Prof. Peng Sun	2015 - 2020
	<b>University of Pennsylvania</b> , Philadelphia, PA Master student in Robotics	2014 - 2015
	<b>Beihang University</b> , China B.E. in Electrical Engineering School of Advanced Engineering (Honors College)	2010 - 2014
PROFESSIONAL EXPERIENCES	<b>Uber Technologies, Inc.</b> , San Francisco, CA Data Scientist Intern in the Marketplace Optimization Group	Summer 2019
WORKING PAPERS	W1. Incentivizing Resource Pooling, with Y. Chen and P. Qian.	
JOURNAL PUBLICATIONS	J1. Correlated Cluster-Based Randomized Experiments: Robust Variance Minimization, with O. Candogan and R. Niazadeh. <b>Management Science</b> , to appear. J2. Dynamic Pricing of Relocating Resources in Large Networks, with S.R. Balseiro and D.B. Brown. <b>Management Science</b> 67(7): 3985-4642, July 2021. - First Prize, 2019 INFORMS Revenue Management and Pricing Jeff McGill Student Paper Award. J3. Static Routing in Stochastic Scheduling: Performance Guarantees and Asymptotic Optimality, with S.R. Balseiro and D.B. Brown. <b>Operations Research</b> 66(6): 1641-1660, December 2018.	

REFEREED  
CONFERENCE  
PROCEEDINGS

- C1. Correlated Cluster-Based Randomized Experiments: Robust Variance Minimization, with O. Candogan and R. Niazadeh. **ACM Conference on Economics and Computation (EC)**, 2023.
- C2. Dynamic Pricing of Relocating Resources in Large Networks, with S.R. Balseiro and D.B. Brown. **ACM Conference on Measurement and Modeling of Computer Systems (SIGMETRICS)**, 2019.

HONORS AND  
AWARDS

- First Prize, (Inaugural) INFORMS Revenue Management and Pricing Jeff McGill Student Paper Award 2019
- Duke University Ph.D. Fellowship 2015 - 2020
- Microsoft Research Asia Young Fellowship 2013
- National Scholarship of China 2011, 2012, 2013

SELECTED  
SEMINAR &  
CONFERENCE  
PRESENTATIONS

- Incentivizing Resource Pooling
- Rotman Young Scholar seminar, November 2023 (virtual)
  - INFORMS Annual Meeting, Phoenix, AZ, October 2023
  - Chinese Scholar Association for Management Science and Engineering (CSAMSE) Annual Conference, The Chinese University of Hong Kong, Shenzhen, July 2023
  - INFORMS Revenue Management & Pricing Conference, Imperial College Business School, July 2023

Correlated Cluster-Based Randomized Experiments: Robust Variance Minimization

- ACM EC Conference, London, United Kingdom, July 2023
- INFORMS Annual Meeting, Indianapolis, IN, October 2022
- UCL School of Management, December 2021; HKU Business School, December 2021; The Chinese University of Hong Kong, Department of Systems Engineering and Engineering Management, January 2022; Shanghai University of Finance and Economics, Research Institute for Interdisciplinary Sciences, January 2022; NYU Stern School of Business, January 2022; City University of Hong Kong, Department of Management Sciences, January 2022; NUS Business School, Department of Analytics & Operations, February 2022
- Conference on Digital Experimentation, MIT Initiative on the Digital Economy, November 2021
- INFORMS Annual Meeting, Anaheim, CA, October 2021
- Young Researchers Workshop, Cornell ORIE, October 2021
- INFORMS Revenue Management & Pricing Conference (*spotlighted presentation*), Johns Hopkins Carey Business School, June 2021

## Dynamic Pricing of Relocating Resources in Large Networks

- HKUST Business School, Department of ISOM, January 2020; The Chinese University of Hong Kong Business School, January 2020; Imperial College Business School, January 2020; Singapore University of Technology and Design, Engineering Systems and Design, February 2020
- INFORMS Annual Meeting, November 2020 (virtual)
- INFORMS Annual Meeting, Seattle, WA, October 2019
- INFORMS Applied Probability Society Conference, Brisbane, Australia, July 2019
- MSOM Conference, NUS Business School, Singapore, July 2019
- ACM SIGMETRICS Conference, Phoenix, AZ, June 2019
- INFORMS Revenue Management & Pricing Conference (*spotlighted presentation*), Stanford Graduate School of Business, June 2019
- INFORMS Annual Meeting, Phoenix, AZ, November 2018

## Static Routing in Stochastic Scheduling: Performance Guarantees and Asymptotic Optimality

- INFORMS Annual Meeting, Houston, TX, October 2017

## ACADEMIC SERVICE

- Referee for Journals: *Operations Research*, *Management Science*, *MSOM*, *Mathematics of Operations Research*, others.
- Program Committee Member
  - TheWebConf 2022, Economics, Monetization, and Online Markets track
- Discussant for spotlight session, INFORMS Revenue Management and Pricing Conference, 2022, University of Chicago

## TEACHING EXPERIENCES

### **New York University Shanghai**

Business Analytics (Undergraduate), Spring 2023, Spring 2024

### **Pratt School of Engineering, Duke University**

Decision Models (Master of Engineering Management), Fall 2018