

## Chen Chen

---

VERSION	November 2024	
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	Algorithmic Pricing and Revenue Management, Design and Analysis of Marketplaces, Stochastic Systems, Stochastic Approximation Methods	
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 Electrical Engineering	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. Optimal Incentive Design in Decentralized Dynamic Matching Markets, with P. Qian and J. Zhang.  W2. Optimality of Public Persuasion in Job Seeking, with X. Qi.  W3. Incentivizing Resource Pooling, with Y. Chen and P. Qian. Major revision at Management Science. - First Place, 2024 INFORMS Junior Faculty Interest Group (JFIG) Paper Competition. - First Prize, 2024 CSAMSE (Chinese Scholars Association for Management Science and Engineering) Best Paper Award.	

JOURNAL PUBLICATIONS	<p>J1. Correlated Cluster-Based Randomized Experiments: Robust Variance Minimization, with O. Candogan and R. Niazadeh. <b>Management Science</b> 70(6): 3381-4165, June 2024.</p> <p>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.</p> <p>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.</p>
REFEREED CONFERENCE PROCEEDINGS	<p>C1. Incentivizing Resource Pooling, with Y. Chen and P. Qian. <b>ACM Conference on Economics and Computation (EC)</b>, 2024.</p> <p>C2. Correlated Cluster-Based Randomized Experiments: Robust Variance Minimization, with O. Candogan and R. Niazadeh. <b>ACM Conference on Economics and Computation (EC)</b>, 2023.</p> <p>C3. Dynamic Pricing of Relocating Resources in Large Networks, with S.R. Balseiro and D.B. Brown. <b>ACM Conference on Measurement and Modeling of Computer Systems (SIGMETRICS)</b>, 2019.</p>
HONORS AND AWARDS	<p>First Place, INFORMS Junior Faculty Interest Group (JFIG) Paper Competition 2024</p> <p>First Prize, CSAMSE (Chinese Scholars Association for Management Science and Engineering) Best Paper Award 2024</p> <p>First Prize, (Inaugural) INFORMS Revenue Management and Pricing Jeff McGill Student Paper Award 2019</p> <p>Duke University Ph.D. Fellowship 2015 - 2020</p> <p>Microsoft Research Asia Young Fellowship 2013</p> <p>National Scholarship of China 2011, 2012, 2013</p>
SELECTED SEMINAR & CONFERENCE PRESENTATIONS	<p>Incentivizing Resource Pooling</p> <ul style="list-style-type: none"> <li>- INFORMS Annual Meeting, Seattle, WA, October 2024</li> <li>- CSAMSE Conference, Xiamen University, July 2024</li> <li>- ACM EC Conference, Yale School of Management, July 2024</li> <li>- Rotman Young Scholar seminar, November 2023 (virtual)</li> <li>- INFORMS Annual Meeting, Phoenix, AZ, October 2023</li> <li>- CSAMSE Conference, The Chinese University of Hong Kong, Shenzhen, July 2023</li> <li>- INFORMS Revenue Management &amp; Pricing Conference, Imperial College Business School, July 2023</li> </ul>

### 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	<ul style="list-style-type: none"> <li>– Referee for Journals: <i>Operations Research</i>, <i>Management Science</i>, <i>MSOM</i>, <i>Mathematics of Operations Research</i>, others.</li> <li>– Program Committee Member <ul style="list-style-type: none"> <li>– ACM Conference on Economics and Computation (EC): 2024</li> <li>– The Web Conference: 2022 (Economics, Monetization, and Online Markets track)</li> </ul> </li> <li>– Discussant for spotlight session, INFORMS Revenue Management and Pricing Conference, 2022, University of Chicago</li> </ul>
SERVICE AT NYUSH	<ul style="list-style-type: none"> <li>– Member, Core Curriculum Committee, 2024 -</li> <li>– Member, (Operations and Business Analytics) Faculty Hiring Committee, 2023 -</li> </ul>
TEACHING EXPERIENCES	<p><b>New York University Shanghai</b></p> <p>Business Analytics (Undergraduate), Spring 2023, Spring 2024, Spring 2025</p> <p>Statistics for Business and Economics (Undergraduate), Spring 2025</p> <p><b>Pratt School of Engineering, Duke University</b></p> <p>Decision Models (Master of Engineering Management), Fall 2018</p>