Chen Chen

VERSION	September 2022

CONTACT INFORMATION

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RESEARCH INTERESTS

Pricing and Revenue Management, Stochastic Approximation Methods, Stochastic Modeling

ACADEMIC APPOINTMENTS

New York University Shanghai, Shanghai, China
Assistant Professor of Operations and Business Analytics   2022 - current

University of Chicago, Booth School of Business, Chicago, IL
Postdoctoral Researcher in Operations Management Area   2020 - 2022
Hosts: Prof. Ozan Candogan and Prof. Rad Niazadeh

EDUCATION

Duke University, Durham, NC
Ph.D. in Decision Sciences, Fuqua School of Business   2015 - 2020
Committee: Prof. David B. Brown (advisor), Prof. Santiago R. Balseiro (advisor), Prof. N. Bora Keskin, and Prof. Peng Sun

University of Pennsylvania, Philadelphia, PA
Master student in Robotics   2014 - 2015

Beihang University, China
B.E. in Electrical Engineering   2010 - 2014
School of Advanced Engineering (Honors College)

PROFESSIONAL EXPERIENCES

Uber Technologies, Inc., San Francisco, CA   Summer 2019
Data Scientist Intern in the Marketplace Optimization Group

WORKING PAPERS

Correlated Cluster-Based Randomized Experiments: Robust Variance Minimization, with O. Candogan and R. Niazadeh. Major revision at *Management Science*.

JOURNAL PUBLICATIONS

Dynamic Pricing of Relocating Resources in Large Networks, with S.R. Balseiro and D.B. Brown. *Management Science* 67(7): 3985-4642, July 2021.
- First Prize, 2019 INFORMS Revenue Management and Pricing Jeff McGill Student Paper Award.

Static Routing in Stochastic Scheduling: Performance Guarantes and Asymptotic Optimality, with S.R. Balseiro and D.B. Brown. *Operations Research* 66(6): 1641-1660, December 2018.

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<tr><td>REFEREED
CONFERENCE
PROCEEDINGS</td><td>Dynamic Pricing of Relocating Resources in Large Networks, with S.R. Balseiro and D.B. Brown. Proceedings of the ACM on Measurement and Modeling of Computer Systems (SIGMETRICS), 2019 (appeared as extended abstract).</td></tr>
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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 Young Fellow (Microsoft Research Asia)	2013
National Scholarship of China	2011, 2012, 2013

SELECTED SEMINAR & CONFERENCE PRESENTATIONS

Correlated Cluster-Based Randomized Experiments: Robust Variance Minimization

- 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 *Operations Research*, *Management Science*, *Mathematics of Operations Research*, others.
- Committees: program committee member for the Economics, Monetization, and Online Markets track of TheWebConf 2022.

TEACHING
EXPERIENCES

New York University Shanghai
Statistics for Business and Economics (Undergraduate), Spring 2023

Pratt School of Engineering, Duke University
Decision Models (Master of Engineering Management), Fall 2018