Chen Chen

VERSION	December 2021
RESEARCH INTERESTS	Pricing and Revenue Management, Stochastic Approximation Methods, Stochastic Modeling

ACADEMIC APPOINTMENTS

University of Chicago, Booth School of Business, Chicago, IL
Postdoctoral Researcher in Operations Management Area   2020 - current
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

Near-Optimal Experimental Design for Networks: Independent Block Randomization, 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 Place, INFORMS Revenue Management and Pricing Student Paper Prize 2019.

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

REFEREED CONFERENCE PROCEEDINGS

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).

HONORS AND AWARDS	First Place, INFORMS Revenue Management and Pricing Student Paper Prize 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

Near-Optimal Experimental Design for Networks: Independent Block Randomization

– 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

– 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

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

Teaching
Experiences
 Pratt School of Engineering, Duke University

Decision Models (Master of Engineering Management), Fall 2018