

JIASHUO JIANG

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44 W 4th St, New York City, NY, 10014

EDUCATION

Ph.D. in Operations Management, New York University

Sept. 2017 - Sept. 2022

Department of Technologies, Operations and Statistics

Stern School of Business

advised by Prof. Jiawei Zhang and Prof. Will Ma

B.S. in Mathematics, Peking University

Sept. 2013 - June. 2017

School of Mathematical Sciences

RESEARCH INTERESTS

Online Resource Allocation; Stochastic optimization; Revenue management; Supply chain management; Mechanism design

PUBLICATIONS

1. **Tight Guarantees for Multi-unit Prophet Inequalities and Online Stochastic Knapsack.**

Authors: Jiashuo Jiang, Will Ma, Jiawei Zhang

an extended abstract accepted by **SODA 2022**

journal version in preparation

Finalist for 2021 Jeff McGill Student Paper Award for Revenue Management and Pricing

2. **Online Stochastic Optimization with Wasserstein Based Non-stationarity.**

Authors: Jiashuo Jiang, Xiaocheng Li, Jiawei Zhang

Outlet: Major revision at *Management Science*

3. **Achieving High Individual Service-Levels without Safety Stock? Optimal Rationing Policy of Pooled Resources.**

Authors: Jiashuo Jiang, Shixin Wang, Jiawei Zhang

Outlet: Under second-round revision at *Operations Research*

4. **Online Resource Allocation with Stochastic Resource Consumption.**

Authors: Jiashuo Jiang, Jiawei Zhang

Outlet: Working paper

TEACHING

Operations Management (undergraduate core), NYU Stern (2021)

Role: instructor

Course evaluation: 4.7/5

Enrollment: 16

INVITED CONFERENCE/SEMINAR PRESENTATIONS

Cornell ORIE young researcher workshop 2021, presenting 1

Inform's annual meeting 2021

- Session 1: VTD20. Stochastic Online Optimization (Oct 26 2:45 PM, PDT), presenting 2
- Session 2: VWA15. Revenue Management (Oct 27 6:00 AM, PDT), presenting 1

NYU Stern MOILS seminar 2021, presenting 1

Inform's revenue management and pricing conference 2021, presenting 2

MOMS 2021, presenting 2

PSOM 2021, presenting 2

NYU Stern MOILS seminar 2020, presenting 2

Inform's annual meeting 2020, presenting 4

Inform's annual meeting 2019, presenting 4

OTHER PROFESSIONAL ACTIVITIES

Reviewer for *Mathematics of Operations Research*, *Operations Research* and *Inform's Journal on Computing*

Coordinator for NYU Stern MOILS seminar (2019)

REFERENCES

Jiawei Zhang

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Xiaocheng Li

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Will Ma

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Ilan Lobel

Associate Professor

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