Yu Sun

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EDUCATION

The Chinese University of Hong Kong   *Hong Kong SAR*
Ph.D. Candidate in Systems Engineering & Engineering Management   *2020-2025 (Expected)*
Advisor: Prof. Daniel Zhuoyu Long

Johns Hopkins University   *Washington, D.C., USA*
Visiting Student (Non-degree) in Carey Business School   *2023-2024*
Advisor: Prof. Ruxian Wang

Nanjing University   *Nanjing, China*
B.E. in Industrial Engineering, Excellent Graduate   *2016-2020*

RESEARCH

[1] "Distributionally Robust Discrete Choice Model and Assortment Optimization," Qingwei Jin, Daniel Zhuoyu Long, Yu Sun, and Bin Hu, Under Major Revision at ***Management Science*** (link)
  - Second Prize, 2024 CSAMSE Best Paper Award

[2] "Distributionally Robust Group Testing with Correlation Information," Daniel Zhuoyu Long, Jin Qi, Yu Sun, and Aiqi Zhang, under Major Revision at ***Management Science*** (link)

[3] "Sequential Choice Model with Representative Products: Modeling and Optimization," Daniel Zhuoyu Long, Yu Sun, and Ruxian Wang, preparing for submission

[4] "Smart Predict-then-optimize Approach in Assortment Optimization," Daniel Zhuoyu Long, Yu Sun, and Ruxian Wang, working paper

[5] "Optimization with Small Data: Data-Driven Distributionally Robust Defibrillator Deployment under an Adjustable Ambiguity Set," Zhi Chen, Tenglong Hong, Daniel Zhuoyu Long, and Yu Sun, working paper

AWARDS & HONORS

Second Prize, CSAMSE Best Paper Award	*2024*
PhD International Mobility for Partnerships and Collaborations Award, The Chinese University of Hong Kong	*2023*
Excellent Graduate, Nanjing University	*2020*
Excellent Student Cadres, Education Department of Jiangsu Province	*2019*
National Scholarship, Ministry of Education, China	*2018*
Excellent Student Cadres, Nanjing University	*2018*
CMB One Card Scholarship, Nanjing University	*2017*
Excellent Student, Nanjing University	*2017*

TEACHING

Teaching Assistant, The Chinese University of Hong Kong

ESTR 1005: Linear Algebra for Engineers (Elite Stream)	*2021-2023*
SEEM 3500: Quality Control and Management	*2021-2022*
SEEM 3620: Introduction to Logistics and Supply Chain Management	*2023*
SEEM 5710: Principles of Operations Management (Graduate Level)	*2021-2024*

Teaching Assistant, The Chinese University of Hong Kong, Shenzhen

LSC 5710: Transportation Logistics (EMSc Level)	*2023*

CONFERENCE TALKS

Distributionally Robust Group Testing with Correlation Information

INFORMS Annual Meeting	*2022,2023,2024*
CSAMSE Conference	*2023*
POMS-HK International Conference	*2023,2024*

Distributionally Robust Discrete Choice Model and Assortment Optimization

INFORMS MSOM Conference	*2023*
CSAMSE Conference	*2023,2024*
INFORMS Annual Meeting	*2023*
POMS-HK International Conference	*2023,2024*

Sequential Choice Model with Representative Products

INFORMS MSOM Conference	*2024*
INFORMS Revenue Management and Pricing Section Conference	*2024*
INFORMS Annual Meeting	*2024*

REFERENCES

Prof. Daniel Zhuoyu Long
Email: zylong@se.cuhk.edu.hk
Department of Systems Engineering & Engineering Management, The Chinese University of Hong Kong, Shatin, Hong Kong

Prof. Jin Qi
Email: jinqi@ust.hk
Department of Industrial Engineering and Decision Analytics, Hong Kong University of Science and Technology, Clear Water Bay, Hong Kong

Prof. Melvyn Sim
Email: melvynsim@nus.edu.sg
Department of Analytics & Operations, NUS Business School, National University of Singapore, Singapore

Prof. Ruxian Wang
Email: ruxian.wang@jhu.edu
Carey Business School, Johns Hopkins University, Baltimore, MD, USA