

09/2019

Xiaolong Li

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Research Interests

Revenue Management; Robust Optimization; Online Convex Optimization

Education

- Shanghai Jiao Tong University**, Shanghai, China 2013 – 2019 (expected)
PhD in Management Science
Advisor: Professor Suguo Du
- New York University**, New York, NY 08/2015 – 08/2016
Visiting Doctoral Student in Operations Management
Advisor: Professor Jiawei Zhang
- Shanghai Jiao Tong University**, Shanghai, China 2010 – 2013
MA in Management Science
Advisor: Professor Suguo Du
- Nanjing University of Posts and Telecommunications**, Nanjing, China 2005 – 2009
BS in Communication Engineering

Academic Experience

Institute of Operations Research & Analytics, National University of Singapore, Singapore
Research Assistant 09/2019 – present

Research Papers

Publications

Li, Xiaolong, Jiannan Ke. (2019). Robust assortment optimization using worst-case CVaR under the multinomial logit model. *Operations Research Letters*. Accepted.

- Winner, Operations Research Society of China (ORSC) - Stochastic Service and Operations Management (SSOM) Annual Conference Best Paper Award, 2019.

Du, Suguo, **Xiaolong Li**, Jinli Zhong, Lu Zhou, Minhui Xue, Haojin Zhu, Limin Sun. (2018). Modeling privacy leakage risks in large-scale social networks. *IEEE Access*, 6, pp.17653-17665.

Du, Suguo, **Xiaolong Li**, Junbo Du, Haojin Zhu. (2014). An attack-and-defence game for security assessment in vehicular ad hoc networks. *Peer-to-peer Networking and Applications*, 7(3), 215-228.

Du, Suguo, Haojin Zhu, **Xiaolong Li**, Kaoru Ota, and Mianxiang Dong. (2013) MixZone in motion: achieving dynamically cooperative location privacy protection in delay-tolerant networks. *IEEE Transactions on Vehicular Technology*, 62, no. 9: 4565-4575.

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Conference Proceedings

Zhang, Xiaokuan, Haizhong Zheng, **Xiaolong Li**, Suguo Du, and Haojin Zhu. (2014). You are where you have been: Sybil detection via geo-location analysis in OSNs. *2014 IEEE Global Communications Conference*, pp. 698-703.

Working Papers

Li, Xiaolong, Ying Rong, Chung-Piaw Teo, Renyu Zhang, Huan Zheng. Online convex optimization for personalized targets with customer choice. Working in progress.

Mengmeng Wang, Ying Rong, Huan Zheng, **Li, Xiaolong**. Assortment optimization under consumer choice with multiple purchase per visit. Working in progress.

Conference Presentations

(* indicates presentations made by co-authors)

Robust Assortment Optimization Using Worst-Case CVaR under the Multinomial Logit Model

- INFORMS International Meeting, 2018
- Operations Research Society of China (ORSC) - Stochastic Service and Operations Management (SSOM) Annual Conference, 2019*
- Chinese Scholars Association for Management Science and Engineering (CSAMSE) Annual Conference, 2019

Teaching Experience

Shanghai Jiao Tong University, Antai College of Economics and Management

Guest Instructor

Optimization Models and Algorithms in Operations Management (Graduate Core) Spring, 2017

Instructor: Professor Huan Zheng

Topics taught: Linear Conic Programming, Distributionally Robust Optimization, Introduction of CVX and Gurobi based on Matlab

Applied Business Modeling (Graduate Elective)

Fall, 2016

Instructor: Professor Ying Rong

Topics taught: Introduction of Machine Learning and Robust Optimization

Teaching Assistant

Optimization Models and Algorithms in Operations Management (Graduate Core) Spring, 2017

Instructor: Professor Huan Zheng

Inventory Management and Production Systems (Graduate Core)

Fall, 2014

Instructor: Professor Wenhui Zhao

Operations Management (Graduate Core)

Fall, 2014

Instructor: Professor Wenhui Zhao

Statistics (Undergraduate Elective)

Fall, 2013 & Spring, 2014

Instructor: Professor Suguo Du

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Selected Honors & Awards

Winner, Operations Research Society of China (ORSC) - Stochastic Service and Operations Management (SSOM) Annual Conference Best Paper Award 2019

Projects Involved

Research on Social Network Privacy Disclosure Measurement
(Sponsored by National Science Foundation of China) 2017 – present

References

Suguo Du (advisor)

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