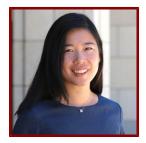
Stanford



Irene Lo

Assistant Professor of Management Science and Engineering

Bio

BIO

Irene is an assistant professor in Management Science & Engineering at Stanford University. Her research is on designing matching markets and assignment processes to improve market outcomes, with a focus on public sector applications and socially responsible operations research. She is also interested in mechanism design for social good and graph theory.

ACADEMIC APPOINTMENTS

Assistant Professor, Management Science and Engineering

LINKS

• Personal Website: https://sites.google.com/view/irene-lo

Teaching

COURSES

2023-24

- Introduction to Game Theory (Accelerated): MS&E 232H (Win)
- Introduction to Operations Management: MS&E 260 (Win)

2022-23

- Introduction to Game Theory (Accelerated): MS&E 232H (Win)
- Senior Project: MS&E 108 (Win)

2021-22

- Introduction to Game Theory (Accelerated): MS&E 232H (Win)
- Introduction to Operations Management: MS&E 260 (Aut)
- Market Design and Resource Allocation in Non-Profit Settings: MS&E 366 (Aut)

2020-21

- Introduction to Game Theory (Accelerated): MS&E 232H (Win)
- Introduction to Operations Management: MS&E 260 (Aut)
- Market Design and Resource Allocation in Non-Profit Settings: MS&E 366 (Aut)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Tristan Pollner

Doctoral Dissertation Advisor (AC)

Mobin YahyazadehJeloudar

Doctoral Dissertation Co-Advisor (AC)

Andrei Graur

Master's Program Advisor

Tianyi Huang, Sophia Love, Ivan Toh, Makenna Turner, Eva Zhang, Michael Zhang

Doctoral (Program)

Michael Hong, Ivan Aleksandar Mavrov, Anushka Murthy

Publications

PUBLICATIONS

• Commitment on Volunteer Crowdsourcing Platforms: Implications for Growth and Engagement M&SOM-MANUFACTURING & SERVICE OPERATIONS MANAGEMENT

Lo, I., Manshadi, V., Rodilitz, S., Shameli, A. 2024

- Rank-heterogeneous Preference Models for School Choice Awadelkarim, A., Seshadri, A., Ashlagi, I., Lo, I., Ugander, J., ACM ASSOC COMPUTING MACHINERY.2023: 47-56
- Editors' Introduction ACM SIGECOM EXCHANGES Lo, I., Talgam-Cohen, I. 2022; 20 (2): 1-2
- Editors' Introduction ACM SIGECOM EXCHANGES Lo, I., Talgam-Cohen, I. 2022; 20 (1): 1-2
- Optimizing strategies for post-disaster reconstruction of school systems *RELIABILITY ENGINEERING & SYSTEM SAFETY* Alisjahbana, I., Graur, A., Lo, I., Kiremidjian, A. 2022; 219
- Simple and Approximately Optimal Contracts for Payment for Ecosystem Services MANAGEMENT SCIENCE Li, W., Ashlagi, I., Lo, I. 2022
- Designing School Choice for Diversity in the San Francisco Unified School District Allman, M., Ashlagi, I., Lo, I., Love, J., Mentzer, K., Ruiz-Setz, L., O'Connell, H. 2022
- Explaining a Potential Interview Match for Graduate Medical Education. *Journal of graduate medical education* Wapnir, I., Ashlagi, I., Roth, A. E., Skancke, E., Vohra, A., Lo, I., Melcher, M. L. 1800; 13 (6): 764-767
- Invitation to Participate in the ACM Conference on Equity and Access in Algorithms, Mechanisms, and Optimization (EAAMO'21) SI GECOM EXCHANGES

Abebe, R., Lo, I., Stoica, A.

2021; 19 (1): 10-11

- The Cutoff Structure of Top Trading Cycles in School Choice *REVIEW OF ECONOMIC STUDIES* Leshno, J. D., Lo, I. 2021; 88 (4): 1582-1623
- Decentralized Matching in a Probabilistic Environment Proceedings of the 22nd ACM Conference on Economics and Computation Jeloudar, M. Y., Lo, I., Pollner, T., Saberi, A. 2021
- Dynamic Matching in School Choice: Efficient Seat Reassignment After Late Cancellations MANAGEMENT SCIENCE Feigenbaum, I., Kanoria, Y., Lo, I., Sethuraman, J. 2020; 66 (11): 5341–61
- Benefits of an interview match for breast fellowship positions Wapnir, I., Lo, I., Roth, A., Ashlagi, I., Melcher, M. SPRINGER.2019: 279–80
- The extremal function for disconnected minors *JOURNAL OF COMBINATORIAL THEORY SERIES B* Csoka, E., Lo, I., Norin, S., Wu, H., Yepremyan, L. 2017; 126: 162-174
- Decomposing and Clique-Coloring (Diamond, Odd-Hole)-Free Graphs *JOURNAL OF GRAPH THEORY* Chudnovsky, M., Lo, I. 2017; 86 (1): 5-41