

Hang Jiang

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Education

National University of Singapore, School of Computing, Dept. of Information Systems & Analytics
Ph.D. Candidate, Information Systems 2021–present
Referees (Mentors): [Chen Jin](#), [Jussi Keppo](#), [Luyi Yang](#)

Southern University of Science and Technology, Department of Mathematics
M.S., Probability and Mathematical Statistics 2017–2019
Advisor: [Zhihong Xia](#)

University of Science and Technology of China, *Special Class for the Gifted Young* [🔗](#)
B.S., Statistics 2012–2016

Research Interests

Contract Theory; Mechanism Design; Incentive Aware AI; Optimization and Decision Analytics; Operations Research; Microeconomics; Human–AI Alignment

Working Papers

Hang Jiang, [Chen Jin](#), and [Luyi Yang](#) (2024). *Revisiting the First-Order Approach to Principal-Agent Problems*. [🔗](#)

- **ORSS Best Student Paper Award** [*Awarding Institution (certificate)*] [🔗](#)
- **2nd-round R&R** at *Management Science*
- Extended Abstract in *Proceedings of the 25th ACM Conference on Economics and Computation* (EC'24) [🔗](#)
 - Presented at the 25th ACM Conference on Economics and Computation [*on YouTube*] [🔗](#)
 - Presented at the 7th World Congress of the Game Theory Society (GAMES 2024) [🔗](#)

Hang Jiang, [Jussi Keppo](#) (2025). *The Human Roadblock to AI*. (available upon request)

- Under Review at *Science Advances* (**Review Rate \approx 16%**) [🔗](#)

Hang Jiang, [Luyi Yang](#), and [Chen Jin](#) (2025). *Managing Sales Agents and Product Returns While Guarding Against Fake Orders*. [🔗](#)

- Under review at *Marketing Science*
 - Presented at the 2025 INFORMS Annual Meeting

Hang Jiang (2025). *An Implementation Relaxation Approach to Principal-Agent Problems*. [🔗](#)

- In preparation for submission
 - Presented at 2025 INFORMS International Conference

Hang Jiang, [Jussi Keppo](#), [Kimon Drakopoulos](#) (2025). *Data Competition under the AI Flywheel Effect*.

- Manuscript in preparation

Honors and Awards

ORSS Best Student Paper Award (Theory Track, **First Place**), Singapore 2025 [🔗](#) [*Awarding Institution*] [🔗](#)
Finalist, Next-Gen Scholar's Symposium, Singapore 2025 [*Finalist list*] [🔗](#)
Research Achievement Award, NUS School of Computing 2024 [🔗](#)
Student Travel Grant, ACM EC Conference 2024
Research Incentive Award, NUS School of Computing 2023–2025
NUS Research Scholarship, NUS 2021–2025
Graduate Scholarship, SUSTech, 2017–2019
Outstanding Undergraduate Scholarship, USTC, 2012

Professional Service

Journal Reviewer, *Management Science*.

Memberships

Game Theory Society; ACM Special Interest Groups; Operational Research Society of Singapore (ORSS); INFORMS

Programming Languages & Tools

LLMs, Python, R, Stata, Mathematica, SQL, Git, LaTeX

Conference Presentations

2026 POMS-HK International Conference (Jan 2026, CUHK–Shenzhen)

2025 INFORMS Annual Meeting (Oct 2025, Atlanta)

Next-Gen Scholar's Symposium, Analytics for X Conference 2025 (Sep 2025, NUS)

2025 INFORMS International Conference (Jul 2025, Singapore)

Information Systems Summer Research Workshop 2025 (Jul 2025, Singapore)

The 7th World Congress of the Game Theory Society (Aug 2024, Peking University)

The 25th ACM Conference on Economics and Computation (Jul 2024, Yale University)

Teaching Experience

Teaching Assistant, School of Computing, NUS

- BT4013 Analytics for Capital Market Trading and Investment (2023)
- CS4246/CS5446 AI Planning and Decision Making (2023)
- IS4234 Governance, Regulation, and Compliance Technology (2022)
- FT5003 Blockchain Innovations (2022)
- IS4302 Blockchain and Distributed Ledger Technologies (2022)

Teaching Assistant, Department of Mathematics, SUSTech

- MA117 Calculus I (2018)
- MA212 Probability and Statistics (2017)

Teaching Assistant, USTC

- Calculus I (2015)

References

Chen Jin

Associate Professor, Department of Information Systems and Analytics

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Jussi Keppo

Provost's Chair Professor and Head, Department of Analytics & Operations

NUS Business School, National University of Singapore

Email: keppo@nus.edu.sg

Luyi Yang

Assistant Professor, Operations & IT Management Group

Haas School of Business, University of California, Berkeley

Email: luyiyang@haas.berkeley.edu