

HU GAOJI

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Employment

School of Economics, Shanghai University of Finance and Economics (SUFU)

07/2023 - now Associate Professor with tenure

08/2020 - 07/2023 Associate Professor

07/2019 - 07/2020 Assistant Professor

Nanyang Business School, Nanyang Technological University

02/2018 - 06/2019 Postdoc Research Fellow

10/2017 - 01/2018 Postdoc Research Associate

Education

Ph.D. in Economics, National University of Singapore, 2017.

Dissertation: *Essays on Two-sided Matching*.

Advisors: Yi-Chun Chen (chair), Xiao Luo, and Satoru Takahashi.

Visiting Student Researcher, Stanford University, Spring 2017. Hosted by: Fuhito Kojima.

M.A. in Economics, Shanghai University of Finance and Economics, 2013. Advisor: Ning Sun.

B.S. in Mathematics & B.S. in Economics (double degree), Wuhan University, 2011.

Research

Research Interest

Matching/Market Design, Mechanism Design, Revealed Preference Analysis

Publications

6. "Bayesian Stable States," (with Yi-Chun Chen).
Games and Economic Behavior, forthcoming.
5. "Housing Markets since Shapley and Scarf," (with Mustafa Oğuz Afacan and Jiangtao Li).
Journal of Mathematical Economics, 111 (2024): 102967.
4. "Optimal Multi-unit Allocation with Costly Verification," (with Geoffrey Chua and Fang Liu).
Social Choice and Welfare, 61 (2023): 455-488.
3. "A Theory of Stability in Matching with Incomplete Information," (with Yi-Chun Chen).
American Economic Journal: Microeconomics, 15 (2023): 288-322.
2. "The Revealed Preference Theory of Stable Matchings with One-sided Preferences,"
(with Jiangtao Li and Rui Tang).
Games and Economic Behavior, 124 (2020): 305-318.
1. "Learning by Matching," (with Yi-Chun Chen).
Theoretical Economics, 15 (2020): 29-56.

Working Papers

"A Theory of Revealed Indirect Preference," (with Jiangtao Li, John Quah and Rui Tang).

“Information Design in Allocation with Costly Verification,”
(with Yi-Chun Chen and Xiangqian Yang).
R&R at *International Economic Review*.

A one-page abstract of this paper appears in the Proceedings of WINE 2022.

“Resource-consuming Deferred Acceptance,” (with Ning Sun, Jingsheng Yu and Ning Yu).

“Deferred Acceptance with Incomplete Information,” (with Yi-Chun Chen).

Teaching

Shanghai University of Finance and Economics (as instructor, *scheduled)

Advanced Microeconomics II (Master), Spring 2020.

Mathematics for Economists (Undergraduate/Master), Summer 2020, Fall 2020 and Spring 2021.

Topics in Microeconomics I (PhD), Fall 2020 and Fall 2021.

Intermediate Microeconomics (Undergraduate), Fall 2021 (x2), Fall 2022 (x2), Spring 2023 (x2).

Advanced Microeconomics III (PhD), Fall 2023.

Intermediate Economics (Master), Fall 2023.

Shanghai University of Finance and Economics (as thesis supervisor)

PhD: WANG Jiaxin (in progress).

Master: SUN Jun (2020), CHEN Jingjing (2021), CAI Jiye (2022), and ZHANG Jiayuan (2023).

Undergraduate: QU Jiachen (2023).

Professional Activities

Editorial, Referee, and Council Services

Associate Editor, *Journal of Mathematical Economics*, Jan 2023 - now.

Junior Associate Editor, *Journal of Mathematical Economics*, Jan 2021 - Dec 2022.

Reviewer for Journals: *Econometrica* (x3), *Theoretical Economics*, *Journal of Economic Theory*,
Games and Economic Behavior (x2), *Journal of Mathematical Economics* (>10),
Journal of Economic Behavior and Organization, *Theory and Decision* (x2),
Mathematical Social Sciences, and *Economics Bulletin*.

Reviewer for Grant: *National Natural Science Foundation of China*.

Council Member, *Operations Research Society of China (Division of Game Theory)*, Nov 2021 - now.

Departmental Services at SUFE

Junior Faculty Recruiting Committee, 2021, 2023.

Organizer, *Microeconomic Theory Seminars*, Fall 2021, Fall 2022, Spring 2023, Spring 2024.

Seminars, Workshops and Conference Presentations (*scheduled)

2024 Shanghai Microeconomics Workshop (Shanghai)*

8th PKU-NUS Annual Conference on Quantitative Finance & Economics (Suzhou)*

2023 Singapore Management University

Renmin University of China

Northwestern Polytechnical University

University of Macau

- 22nd Annual SAET Conference (SAET, Paris)
- Asian Meeting of Econometric Society (AMES, Beijing)
- 10th China Meeting on Game Theory and Its Applications (CMGTA, Beijing)
- 2nd Nanjing U International Symposium of Frontiers in Theoretical Economics (Nanjing)
- 2022 Nanjing University
 - 18th conference on Web and Internet Economics (WINE, Troy)
 - Tsinghua Conference on Behavioral, Experimental and Theoretical Economics (BEAT, Beijing)
 - Conference on Mechanism and Institution Design (CMiD, Singapore)
 - Game Theory & Applications Conference (Xi'an, invited)
- 2021 Wuhan University
 - University of California, Davis
 - Tongji University
 - Peking University SOE
 - Warwick-SUFE Joint Workshop (Shanghai)
 - 20th Annual SAET Conference (SAET, Seoul)
 - 5th PKU-NUS Annual Conference on Quantitative Finance & Economics (Singapore).
- Prior to 2019/2020
 - Seminars*: Peking University GSM (2018), and East China Normal University (2018).
 - Workshops & Conferences*: International Conference on Game Theory & the Sixth Microeconomics Workshop (2019, Nanjing), Shanghai Microeconomics Workshop (2019, Shanghai), AMES (2019, Xiamen), 4th PKU-NUS Annual Conference on Quantitative Finance & Economics (2019, Shenzhen), 10th POMS-Hong Kong (2019, Hong Kong), Workshop on Matching, Search and Market Design (2018, Singapore), International Conference on Game Theory and the fourth Microeconomics Workshop (2017, Nanjing), SAET (2017, Faro), 10th Conference on Economic Design (2017, York), AMES (2017, Hong Kong), AMES (2016, Kyoto), and Summer School of the Econometric Society (2016, Kyoto).

Grants and Honors

- National Natural Science Foundation of China (Major), No. 72394391, 2024- 2028, Participant.
- National Natural Science Foundation of China (Youth), No. 72003121, 2021- 2023, PI.
- Shanghai Pu Jiang Program, No. 2020PJC052, Oct 2020-Sep 2022, PI.
- Shanghai Peak Discipline Construction Program (Class II), May 2020-Apr 2022, Participant.
- Start-up grant, Shanghai University of Finance and Economics, Jul 2019-Jun 2022, PI.
- Research Scholarship, National University of Singapore, 2013-2017.
- National Graduate Scholarship (awarded at SUFE), the Ministry of Education of China, 2013.
- Outstanding Graduate, Wuhan University, 2011