

HU GAOJI

Last updated: July 6, 2023

School of Economics
Shanghai University of Finance and Economics
111 Wuchuan Road, Shanghai, 200433

Phone: +86-193-7072-1458
Email: hugaoji@sufe.edu.cn
Homepage: <http://hugaoji.weebly.com>

Employment

School of Economics, Shanghai University of Finance and Economics

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

Research

Research Interest

Matching/Market Design, Mechanism Design, Revealed Preference Analysis

Publications

1. "Optimal Multi-unit Allocation with Costly Verification," with Geoffrey Chua and Fang Liu, *Social Choice and Welfare*, forthcoming.
2. "A Theory of Stability in Matching with Incomplete Information," with Yi-Chun Chen, *American Economic Journal: Microeconomics*, 15 (2023): 288-322.
3. "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.
4. "Learning by Matching," with Yi-Chun Chen, *Theoretical Economics*, 15 (2020): 29-56.

Working Papers

5. "A Theory of Revealed Indirect Preference," with Jiangtao Li, John Quah and Rui Tang.
6. "Information Design in Allocation with Costly Verification," with Yi-Chun Chen and Xiangqian Yang. *A one-page abstract of this paper appears in the Proceedings of WINE 2022.*
7. "Bayesian Stable States," with Yi-Chun Chen, *Major Revision Requested by Games and Economic Behavior.*
8. "Resource-consuming Deferred Acceptance," with Ning Sun, Jingsheng Yu and Ning Yu.
9. "Deferred Acceptance with Incomplete Information," with Yi-Chun Chen.

Teaching

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

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

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

Advanced Microeconomics III (PhD), Fall 2023*.

Advanced Microeconomics II (Master), Spring 2020.

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

Shanghai University of Finance and Economics (as thesis supervisor)

PhD student: WANG Jiabin (in progress).

Master students: SUN Jun (2020), LU Kai (2021), CHEN Jingjing (2021), CAI Jiye (2022), and ZHANG Jiayuan (in progress).

Undergraduate student: QU Jiachen (2023), XU Qinmo (in progress).

Professional Activities

Editorial and Referee Services

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

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

Referee for: *Econometrica*, *Games and Economic Behavior*, *Journal of Economic Behavior and Organization*, *Journal of Mathematical Economics*, *Theory and Decision*, *Mathematical Social Sciences*, and *Economics Bulletin*.

*Seminars, Workshops and Conference Presentations within five years (*scheduled)*

2023 Singapore Management University*

Renmin University of China

Northwestern Polytechnical University

University of Macau

The 22nd Annual SAET Conference (SAET, Paris)*

Asian Meeting of Econometric Society (AMES, Beijing)

10th China Meeting on Game Theory and Its Applications (CMGTA'23, Beijing)

The 2nd Nanjing U International Symposium of Frontiers in Theoretical Economics (Nanjing)

2022 Nanjing University

The 18th conference on Web and Internet Economics (WINE'22, 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

Warwick-SUFE Joint Workshop (Shanghai)

The 20th Annual SAET Conference (SAET, Seoul)

5th PKU-NUS Annual International Conference on Quantitative Finance & Economics (Singapore).

- 2019 International Conference on Game Theory & the Sixth Microeconomics Workshop (Nanjing)
Shanghai Microeconomics Workshop (Shanghai)
Asia Meeting of Econometric Society (Xiamen)
4th PKU-NUS Annual International Conference on Quantitative Finance & Economics (Shenzhen)
The 10th POMS-Hong Kong (Hong Kong)
- 2018 Peking University
East China Normal University
Workshop on Matching, Search and Market Design (Singapore)

Grants

- 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.