

JUN ZHANG

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Employment

Professor of Economics, Nanjing Audit University, China 2021.9 – Now
Associate Professor (2019.9 – 2021.8), Assistant Professor (2017.9 – 2019.8)

Education

California Institute of Technology, USA 2012.9 – 2017.6
Ph.D. in Economics

Shanghai University of Finance & Economics, China 2008.9 – 2012.6
Integrated Master and Ph.D. Program in Economics

Nanjing University of Science & Technology, China 2004.9 – 2008.6
B.S. in Information and Computing Science

Research Interests

Microeconomic Theory, Market Design, Behavioral Economics, Game Theory

Publications

1. Cores and mechanisms in restricted housing markets, with Jingsheng Yu
Journal of Mathematical Economics (2022), 100, 102625
2. Constrained Pseudo-market Equilibrium, with Federico Echenique and Antonio Miralles
American Economic Review (2021), 111 (11): 3699–3732
3. Substitutes and Stability for Many-to-Many Matching with Contracts, with Keisuke Bando and Toshiyuki Hirai
Games and Economic Behavior (2021), 129: 503-512
4. Fairness and Efficiency for Allocations with Participation Constraints, with Federico Echenique and Antonio Miralles
Journal of Economic Theory (2021), 195, 105274
5. Level-k Reasoning in School Choice
Games and Economic Behavior (2021), 128:1-17

6. A Market Design Approach to Job Rotation, with Jingsheng Yu
Games and Economic Behavior (2020), 120:180-192
7. When are Efficient and Fair Assignment Mechanisms Group Strategy-proof?
Games and Economic Behavior (2020), 119:251-266
8. Efficient and Fair Assignment Mechanisms are Strongly Group Manipulable
Journal of Economic Theory (2019), 180:167-177
9. On Sufficient Conditions for the Existence of Stable Matchings with Contracts
Economics Letters (2016), 145:230-234

Working Papers

1. Cores in discrete exchange economies with complex endowments, 2021
(R&R **Journal of Economic Theory**)
2. Strategy-proof allocation with outside option, 2021
(R&R **Games and Economic Behavior**)
3. Balanced equilibrium in pseudo-markets with endowments, with Federico Echenique and Antonio Miralles, 2022
(R&R **Games and Economic Behavior**)
4. On wastefulness of random assignments in discrete allocation problems, 2022
(R&R **Economic Theory**)
5. The core in the housing markets with indifferent preferences, 2021
6. Fractional top trading cycle on the full preference domain, with Jingsheng Yu, 2020
7. Efficient and fair trading algorithms in market design environments, with Jingsheng Yu, 2021
8. Sequential Luce with categorization, 2017

Professional Activities

Associate Editor, International Journal of Economic Theory, since 2021.9

Program Committee, Conference on Mechanism and Institution Design 2022

Senior Program Committee, The 18th Conference on Web and Internet Economics (Wine 2022)

Co-organizer, Nanjing International Game Theory Conference 2017-2019

Session Organizer, SAET 2021, 2022

Grants and Awards

- National Natural Science Foundation of China for Excellent Young Scholar (优青项目) 2022-2024
“Market Design Theory and Applications ”, 72122009, RMB 2,000,000
- National Natural Science Foundation of China for Young Scholar (青年项目) 2020-2022
“Random Allocation Mechanism Design ”, 71903093, RMB 190,000
- Wujiapai Award (乌家培奖), China Information Economics Society 2021

Refereeing Services

American Economic Journal: Microeconomics, Econometrica, Economic Theory, Games and Economic Behavior, Group Decision and Negotiation, Journal of Economic Theory, Journal of Mathematical Economics, Journal of Mechanism and Institution Design, Theoretical Economics

Presentations (invited*)

- 2022: Peking HSBC* (scheduled), Singapore Management University* (scheduled, online), Fudan University* (online), Zhejiang University* (online), SAET, Conference on Mechanism and Institution Design
- 2021: Tsinghua SEM* (canceled), Peking SOE* (canceled), Peking HSBC*, Tsinghua BEAT*, International Conference on IO* (Zhejiang U, online), SAET conference (online), Fourth East Asia Game Theory Conference (online)
- 2020: North Carolina State University* (online), Dongbei University of Finance & Economics* (online), Econometric Society World Congress (online)
- 2019: Zhejiang University*, Tsinghua SEM*, Sun Yat-sen University*, Korea Advanced Institute of Science & Technology*, Wuhan University*, Chengdu Economic Theory Workshop*, Conference on Economic Design (Budapest), Third East Asia Game Theory Conference (Fuzhou)
- 2018: Waseda University*, University of International Business and Economics*, Peking NSD*, Shanghai University of Finance & Economics*, 7th Xiamen International Workshop on Experimental Economics, Nanjing International Game Theory Conference, International Conference on Economic Theory and Applications (Chengdu), Shanghai Microeconomics Workshop*, Econometric Society Asian Meeting, Meeting of the Society of Social Choice and Welfare, SAET Conference

Before: Nanjing International Game Theory Conference (2017), Stony Brook International Game Theory Conference (2017,2016), Midwest Economic Theory Conference (2016*2), Econometric Society World Congress (2015)

Teaching

Intermediate Microeconomics, Game Theory