

Luosai Zhang

Postdoctoral Researcher

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Research Interests

Matching Theory and Market Design; Dynamic and Multi-Period Matching; Game Theory and Mechanism Design; Stability, Commitment, and Implementation; School Choice and Information Design.

Academic Appointment

Sep. 2025–Present **Postdoctoral Researcher**, Center for Economic Research, Shandong University.

Education

2017–2025 **Ph.D. in Economics**, Shanghai University of Finance and Economics.
Dissertation: Essays on Dynamic Stability in Matching Models.
Supervisor: Sambuddha Ghosh.

2013–2016 **M.Sc. in Econometrics**, Shanghai University of International Business and Economics.

2008–2012 **B.S. in Psychology**, Minor in Economics, Yanbian University.

Publications

1. **Zhang, L.** (2025). “The Properness of Weak Stability Notions.” *Economics Letters*, **247**, 112163.
2. Chen, Y., Jiao, Z., Zhang, C., and **Zhang, L.** (2025). “Some New Characterizations of Top Trading Cycles.” *Journal of Mathematical Economics*, **121**, 103190.

Working Papers and Papers Under Review

1. **Nash Implementation of Dynamic Matching Rules.** **Revise and resubmit** at *Mathematical Social Sciences*.
2. **Rank-Dependent Preferences in School Choice.** With G. Fu, X. Lang, and J. Zheng. **Revise and resubmit** at *Games and Economic Behavior*.
3. **Multi-Period Matching with Externalities.** With S. Ghosh. Working paper.
4. **Instantaneous Stability and the Dynamic Matchmaker Game.** With S. Ghosh. Working paper.
5. **Strategic Commitment and Legal Enforcement in Dynamic Matching.** With J. Zheng. Working paper.
6. **Dynamic Matching with Commitments.** With M. Zhang and J. Zheng. Working paper.

Research Funding

Sep. 2025–Sep. 2027 **Principal Investigator**, Shandong Postdoctoral Innovation Talent Support Program, Grant No. SDZZ-SH-20201012.
Stability–Efficiency Trade-offs in Dynamic Labor Market Matching: The Role of Strategic Commitment and Legal Regulation.

Research and Teaching Experience

Sep. 2023–Jun. 2025 **Research Assistant** for Qianfeng Tang, School of Economics, Shanghai University of Finance and Economics.
Sep. 2018–Jun. 2020 **Teaching Assistant** for Quan Wen, Seokjong Ryu, and Cuihong Fan, School of Economics, Shanghai University of Finance and Economics.

Additional Professional Experience

Apr. 2016–Apr. 2017 **Junior Research Fellow**, Shanghai Hundsun JuYuan Data Service Co., Ltd.
May 2015–Aug. 2015 **Credit Risk Management Intern**, BASF (China) Co., Ltd.
Sep. 2012–Sep. 2013 **Matchmaking Customer Service Representative**, Shenzhen Zhenai Network Information Technology Co., Ltd.

Academic Service and Leadership

- Referee, *Journal of Economic Behavior & Organization* (JEBO).
- Class President, Ph.D. Program in Economics, Shanghai University of Finance and Economics, 2018–2020.

Honors and Awards

- Outstanding Student Award, Shanghai University of Finance and Economics.

Skills

Languages Mandarin Chinese; English.
Software LaTeX, MySQL, Stata, Mathematica.
Qualification Psychological Counselor (Level 3).

Last updated: September 2026