Di Feng

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Last updated: September 10, 2023

Positions

2023-present	**Postdoctoral Fellow**, *Simons Laufer Mathematical Sciences Institute (SLMath) formerly Mathematical Sciences Research Institute (MSRI)*, Berkeley, USA.
2023-present	**Junior Research Fellow**, *Research Institute for Economics and Business Administration*, Kobe University, Japan.

Past Employment

2020-2023	**Swiss National Science Foundation (SNSF) funded researcher**.
2018-2023	**Teaching Assistant**, *Department of Economics*, University of Lausanne (HEC), Switzerland.
2015-2016	**Teaching Assistant**, *Department of Economics*, Yokohama National University, Japan.
2016	**Research Assistant**, *Department of Economics*, Yokohama National University, Japan. work with Prof. Taro Kumano

Education

2023	**Ph.D. in Economics**, *University of Lausanne (HEC)*, Switzerland. Dissertation Committees: Bettina Klaus (advisor), Flip Klijn, Rustamdjan Hakimov, and William Thomson.
2019	**Alumni**, *Swiss Program for Doctoral Students in Economics*, Study Center Gerzensee.
2018	**M.Res. Economics**, *Universitat Autonoma de Barcelona*, Spain.
2016	**M.A. Economics**, *Yokohama National University*, Japan.
2013	**B.S. Management & Information Sciences**, *Josai International University*, Japan.
2013	**B.A. linguistics (Japanese)**, *Tianjin University of Technology*, China.

Research Interests

General area	Microeconomics	Artificial Intelligence	Applied Mathematics
Methodology	Game Theory	Operations Research	Experimental Economics
Research Topics	Market Design	Digital Economics	Behavioral Economics
Google Scholar	https://scholar.google.com/citations?user=3bhjYoUAAAAJ		

Research Papers (Economics)

Publications (peer-reviewed)

P1 Preference Revelation Games and Strict Cores of Multiple-type Housing Market Problems (with Bettina Klaus) *International Journal of Economic Theory (Special Issue in Honor of William Thomson), 18.1 (2022): 61-76.*

Working Papers

JMP Endowments-swapping-proofness and Efficiency in Multiple-type Housing Markets, RIEB Discussion Paper No.2023-14
Kanematsu Prize (2022)

W1 A characterization of the Coordinate-wise Top-Trading-Cycles Mechanism for Multiple-type Housing Markets, Barcelona School of Economics Working Paper 1341
(with Bettina Klaus and Flip Klijn)
*An extended abstract appeared in the proceedings of the 6th International Workshop on Matching Under Preferences (MATCH-UP2022).

W2 On the Asymptotic Performance of Affirmative Actions in School Choice, 2022, arxiv 2202.03927
(with Yun Liu and Gaowang Wang)

W3 War and Peace in the Boardroom: Pre-Vote Communication, Herding Behavior, and Boardroom Politics, 2022
(with Shusen Qi, and Hang Sun)

Research Papers (Operations Research)

Publications (peer-reviewed)

P2 Impatient Queuing for Intelligent Task Offloading in Multi-Access Edge Computing
(with Bin Han, Yihua Xu, Vincenzo Sciancalepore, and Hans D. Schotten), *IEEE Transactions on Wireless Communications 22.1 (2023): 59-72*

P3 Multiservice-based Network Slicing Orchestration with Impatient Tenants
(with Bin Han, Vincenzo Sciancalepore, Xavier Costa-Perez, and Hans D. Schotten)
IEEE Transactions on Wireless Communications 19.7 (2020): 5010-5024

P4 A Markov Model of Slice Admission Control,
(with Bin Han, Vincenzo Sciancalepore, Xavier Costa-Perezand, and Hans D. Schotten)
IEEE Networking Letters 1.1 (2018): 2-5

P5 A Utility-driven Multi-Queue Admission Control Solution for Network Slicing
(with Bin Han, and Hans D. Schotten) In Proceedings of the *IEEE INFOCOM-2019*

Working Papers

W5 A Profit-Maximizing Strategy of Network Resource Management for 5G Tenant Slices, 2018, arxiv 1709.09229
(with Bin Han, Lianghai Ji, and Hans D. Schotten)

Professional Activities

Memberships Econometric Society, Society for Economic Design, Society for the Advancement of Economic Theory

Referee Activities Social Choice and Welfare, Mathematical Social Sciences, Review of Economic Design, Games and Economic Behavior

Academic Presentations (including upcoming talks)

2023 22nd Annual SAET Conference, Paris, France
2023 18th European Meeting on Game Theory (SING18), Messina, Italy
2023 13th Conference on Economic Design (CED), Girona, Spain
2023 12th Lisbon Meetings in Game Theory and Applications, Lisbon, Portugal
2023 Wuhan University, Wuhan, China
2023 Huazhong University of Science and Technology, Wuhan, China
2023 Shanghai University of International Business and Economics, Shanghai, China

2023	Nanjing Audit University, Nanjing, China
2023	Game Theory Workshop 2023, hosted by Hitotsubashi University, Tokyo, Japan
2022	Theory Workshop at University of Rochester, Rochester, USA
2022	Gerzensee Alumni Conference, Gerzensee, Switzerland
2022	Annual Meeting of the Association of Southern European Economic Theorists, Greece
2022	Micro Lab Seminar at Autonomous University of Barcelona (UAB), Barcelona, Spain
2022	6th International Workshop on Matching Under Preferences, Vienna, Austria
2022	Asia Meeting of the Econometric Society (AMES), Tokyo, Japan
2022	CEFM Seminar at Waseda University, Tokyo, Japan
2022	Economic Theory Workshop at Hitotsubashi University, Tokyo, Japan
2022	Institute of Social and Economic Research, Osaka University, Osaka, Japan
2022	Workshop on Microeconomics and Game Theory at Kyoto University, Kyoto, Japan
2022	Conference on Mechanism and Institution Design (CMID), Singapore
2022	12th Conference on Economic Design (CED), Padua, Italy
2022	Lausanne Matching and Market Design Workshop 2022, Lausanne, Switzerland
2022	Market Design Seminar Series, hosted by University of Tokyo Market Design Center
2022	2nd URV Workshop on Game Theory, Reus, Spain
2021	Southwestern University of Finance and Economics, Chengdu, China
2021	Shandong University, Jinan, China
2020	Financial Stability Workshop, hosted by Dongbei University of Finance and Economics
2020	Quarantined Game Theory Conference, hosted by Hebrew University of Jerusalem
2019	11th Conference on Economic Design (CED), Budapest, Hungary
2018	Dongbei University of Finance and Economics, Dalian, China

Scholarships, Grants, Honors & Awards

2023	SING Best Student Paper Prize, 18th European Meeting on Game Theory
2023	Postdoctoral Fellowship, from Simons Laufer Mathematical Sciences Institute (SLMath) formerly Mathematical Sciences Research Institute (MSRI)
2022	Kanematsu Prize, Research Institute of Economics and Business Administration (RIEB), Kobe University
2020-2023	Member of Swiss National Science Foundation (SNSF) Project 100018_192583 (principal investigator: Bettina Klaus)
2016	BGSE Severo Ochoa Fellowship, from Barcelona School of Economics
2012	JASSO Honors Scholarship, from Japan Student Services Organization

Languages

Mandarin Chinese (native), Japanese, English

References

Bettina Klaus (advisor)
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