

# Xi Weng

## **Contact Information:**

Department of Applied Economics  
Guanghua School of Management  
Peking University  
304 New Guanghua Building  
Beijing 100871, China

Phone: (+86)1062767267  
Email: [wengxi125@gsm.pku.edu.cn](mailto:wengxi125@gsm.pku.edu.cn)  
URL: [wengxi125.weebly.com](http://wengxi125.weebly.com)

## **Education:**

Ph.D., Economics, University of Pennsylvania, 2011

Thesis Title: *“Essays on Market Dynamics in the Presence of Learning”*

Thesis Adviser: George Mailath

M.A., Economics, Peking University, 2006

B.A., First Major: Economics, Peking University, Excellent Graduate Student of Beijing, 2004

B.A., Second Major: Applied Mathematics, Peking University, 2005

## **Professional Experience:**

August 2019-Present Professor in Economics, Guanghua School of Management, Peking University

August 2016-August 2019 Associate Professor in Economics, Guanghua School of Management, Peking University

November 2016-December 2016 Visiting Scholar, UPF, Barcelona

July 2011-August 2016 Assistant Professor in Economics, Guanghua School of Management, Peking University

## **Research and Teaching Fields:**

Research fields: Game Theory, Information Economics, Organizational Economics

Teaching fields: Game Theory, Information Economics, Public Finance

## **Grants and Honors:**

2022	Zhangpeigang Awards in Development Economics
2022	Distinguished Young Scholar, National Natural Science Foundation of China
2021	Young Academic Leader, Beijing Social Science Foundation
2020	NG Teng Fong/ Sino Scholarship for Outstanding Youth, Peking University

2020	Science Research Famous Achievement Award in Higher Institution (Humanity and Social Sciences)
2020	Changjiang Young Scholars Program of China
2020	Excellent Research Awards, China Information Economics Society
2019	Li Yining Excellent Research Awards, Guanghua School of Management, Peking University
2019	Excellent Research Awards, China Information Economics Society
2019	National Natural Science Foundation of China
2017	Guanghua Research Fellow
2017	Innovative Research Awards for Young Economists, China Information Economics Society
2017	Excellent Teaching Awards, Peking University
2017	First Prize of Outstanding Achievements in Humanities and Social Sciences Research, Peking University
2017	Keynote Speaker, China Information Economics Society Annual Conference
2016	Beijing Bank Excellent Teacher Awards, Peking University
2016	Wujiapai Awards, China Information Economics Society
2016	Taishin Holdings Best Young Researcher
2015	Taishin Holdings Best Young Researcher
2013	National Natural Science Foundation of China
2012	Guanghua Leadership Institute's Phase III Research Program
2011	David Cass Memorial Prize in Economics, UPENN
2010-2011	Maloof Family Dissertation Fellowship in Economics, UPENN
2010	Gregory Chow Best Paper Awards, Chinese Economist Society
2010	Dean's Scholar, School of Arts and Sciences, UPENN
2009-2010	Sidney Weintraub Memorial Fellowship, UPENN

### **Publications:**

- 1, "Political Competition at a Multilayer Hierarchy: Evidence from China" (joint with Xing Li, Chong Liu and Li-An Zhou), in *The Chinese Economy: a New Transition*, published by Palgrave Macmillan, 2012.
- 2, "Partial centralization in three-division organizations" (joint with Siguang Li), *Nankai Business Review International*, 5(2), 187-210, 2014.
- 3, "Dynamic Pricing in the Presence of Individual Learning", *Journal of Economic Theory*, 155, 262-299, 2015.
- 4, "Learning and Efficiency with Search Frictions", *Frontiers of Economics in China*, 10(3), 449-466, 2015.
- 5, "Can Learning Cause Shorter Delays in Reaching Agreements?" *Journal of Mathematical Economics*, 60, 49-62, 2015.
- 6, "Common Value Experimentation" (joint with Jan Eeckhout), *Journal of Economic Theory*, 160, 317-339, 2015.
- 7, "Random Authority" (joint with Siguang Li), *International Economic Review*, 58, 211-235, 2017.

- 8, “Efficient Learning and Job Turnover in the Labor Market” (joint with Fei Li), *International Economic Review*, 58, 727-750, 2017.
  - 9, “Can Prospect Theory Explain the Disposition Effect? A New Perspective on Reference Points” (joint with Juanjuan Meng), *Management Science*, 64, 3331-3351, 2018.
  - 10, “A Theory of Organizational Dynamics: Internal Politics and Efficiency” (joint with Hongbin Cai and Hong Feng), *AJ: Micro*, 10(4), 94-130, 2018.
  - 11, “Managerial Turnover and Entrenchment” (joint with Zenan Wu), *Journal of Economics & Management Strategy*, 27, 742-771, 2018.
  - 12, “Tournaments with Targets: Theory and Evidence from China” (joint with Xing Li, Chong Liu and Li-An Zhou), *Economic Journal*, 129, 2888-2915, 2019.
  - 13, “Formal Insurance and Informal Risk Sharing Dynamics” (joint with Wanchuan Lin and Juanjuan Meng), *Journal of Economic Behavior & Organization*, 180, 837-863, 2020.
  - 14, “Star Ratings and the Incentives of Mutual Funds” (joint with Chong Huang and Fei Li), *Journal of Finance*, 75(3), 1715-1765, 2020.
  - 15, “A Sustainable Incentive Scheme for Federated Learning” (joint with H Yu, Z Liu, Y Liu, T Chen, M Cong, D Niyato, Q Yang), *IEEE Intelligent Systems*, 35(4), 58-69, 2020.
  - 16, “A Fairness-aware Incentive Scheme for Federated Learning” (joint with H Yu, Z Liu, Y Liu, T Chen, M Cong, D Niyato, Q Yang) The 3rd AAAI/ACM Conference on AI, Ethics, and Society (AIES-20).
  - 17, “A Game-Theoretic Framework for Incentive Mechanism Design in Federated Learning” (joint with M Cong, H Yu, S Yiu) in *Federated Learning: Privacy and Incentive* (edited by Q Yang, L Fan, H Yu), published by Springer 2020.
  - 18, “Robust Persuasion of a Privately Informed Receiver” (joint with Ju Hu), *Economic Theory*, 72(3), 909-953, 2021.
  - 19, “Market Expanding or Market Stealing? Competition with Network Effects in Bike-Sharing” (joint with Guangyu Cao, Ginger Zhe Jin, and Li-An Zhou), *Rand Journal of Economics*, 52(4), 778-814, 2021.
- Media Coverage: Vox
- 20, “The Making of Bad Gentry: The Abolition of an Exam, Local Governance and Anti-gentry Protests, 1902–1911” (joint with Yu Hao, Kevin Zhengcheng Liu, and Li-An Zhou), *Journal of Economic History*, 82(3), 625-661, 2022. (Lead Article)
  - 21, “Assortative Learning” (joint with Jan Eeckhout), *Economica*, 89, 647-688, 2022.
  - 22, “Optimal Contingent Delegation” (joint with Tan Gan and Ju Hu), *Journal of Economic Theory*, 208, 105597, 2023.

### **Working Papers:**

- 1, “The Technological Origins of the Decline in Labor Market Dynamism” (joint with Jan Eeckhout)
- 2, “Minimum Performance Target, Multitasking, and Incentives: Theory and Evidence from China's Air Quality Controls” (joint with Guangyu Cao, Mingwei Xu, and Li-An Zhou)
- 3, “Market Power and Optimal Taxation” (joint with Jan Eeckhout, Chunyang Fu, and Wenjian Li) R&R AER
- 4, “Observational Learning and Information Disclosure in Search Markets” (joint with Ziyang Fan, Li-An Zhou, and Yiyi Zhou)

- 5, “Digital Content Production and Internet Data Sponsorship: A Game-Theoretic Model” (joint with Liangfei Qiu, Alex Wang, and Xin Wang) R&R ISR
- 6, “Dominant Equilibria in Signaling Games” (joint with Fan Wu and Yundong Yin) R&R JET
- 7, “Strategic Thinking and Media Bias: Evidence from Chinese Microblog Users” (joint with Y Huang and Juanjuan Meng)
- 8, “Optimal Automation” (joint with Chunyang Fu and Wenjian Li)

**Working in Progress:**

- 1, “Mismatch in the Presence of Assortative Learning” (joint with Jan Eeckhout)
- 2, “Optimal Pricing Schemes in the Presence of Social Learning and Costly Reporting” (joint with Kaiwei Zhang)

**Conference and Invited Presentations:**

2022	University of Macau, Shandong Univeristy, Beihang University
2021	Tsinghua University, Zhejiang University, University of Tokyo, UCAS, CUFU, BNU
2020	Harbin Institute of Technology (Shenzhen), PHBS
2019	AMES2019, Summer Institute of NSD at Peking University, Shanghai Microeconomics Workshop, Chengdu Economic Theory Workshop
2018	ECNU Macroeconomic Workshop, AMES2018, UIBE, NUS, Duke Decentralization Conference, CUHK, NAU, CUFU, Fudan
2017	Renmin University, Tsinghua University, AMES2017, HKUST, UIBE, Hong Kong Baptist University
2016	University of Hongkong, NUS, UPF, Renmin University
2015	Academia Sinica, CORE UCLouvain, CUFU, SWUFU
2014	University of Hongkong, Fudan University, Renmin University
2013	Shanghai Jiaotong University, SHUFU, Chinese University of Hongkong, China Meeting of the Econometric Society, Far East Meeting of the Econometric Society
2012	Tsinghua University, Peking University, SHUFU, Renmin University, Zhejiang University, SWUFU, Shandong University
2011	MEDS Kellogg, Toulouse School of Economics, University College London, University of Michigan, University of Hongkong, HKUST, Fudan University
2010	UPF, UPenn, NAWM of the Econometric Society 6 <sup>th</sup> Annual Cowles Conference on General Equilibrium and its Applications, YALE
2009	Search and Matching Workshop, Federal Reserve Bank of Philadelphia

**Professional Services:**

- Associate editor: *Mathematical Social Sciences*
- Referee for academic journals:

*Econometrica, Journal of Finance, International Economic Review, Journal of Economic Theory, Management Science, Review of Economic Studies, American Economic Journal: Microeconomics, Review of Industrial Organization, Journal of European Economic Association, Rand Journal of Economics, Review of Economic Dynamics, Economic Theory, Journal of Mathematical Economics, Journal of Comparative Economics, Journal of Law, Economics & Organization, Journal of Economic Behavior & Organization, Journal of Banking and Finance, International Journal of Industrial Organization*

- Referee for Hong Kong Research Grant Council
- Referee for Wujiapai Award, China Information Economics Society
- Session organizer for 2017 China Meeting of the Econometric Society
- Session organizer for 2019 Asian Meeting of the Econometric Society
- Session organizer for 2021 China Meeting of the Econometric Society
- Session organizer for CMid2022
- Founding member and academic committee member of China Microeconomic Theory Forum