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Curriculum Vitae

Education

2008–2013 **Ph.D. in Mathematics** (major in Mathematical Economics), *National University of Singapore*, Singapore.
Dissertation: *Economies and games with many agents*
Advisors: Yeneng Sun, Xiao Luo
Committee: Weizhu Bao, Yi-Chun Chen, M. Ali Khan, and Gongyun Zhao

2004–2008 **B.S. in Mathematics**, *University of Science and Technology of China*, Hefei, China.
Thesis: *Rigidity theorems of constant mean curvature surface*
Advisor: Qing Chen

Position

2013–Present Assistant Professor of Economics, Economics and Management School, Wuhan University

Research Interests

Matching and Market Design, Game Theory and Information Economics, Mathematical Economics, Microeconomic Theory

Publications

▸ On the diffuseness of incomplete information game (with Wei He), *Journal of Mathematical Economics*, **54** (2014), 131–137

▸ Pure-strategy Nash equilibria in nonatomic games with infinite-dimensional action spaces (with Yongchao Zhang), *Economic Theory*, **58:1** (2015), 161–182

Working Papers

▸ Another impossibility theorem of unawareness (with Xiao Luo and Ben Wang), 2012

▸ Bayesian game-correlated information and infinite actions (with Wei He, Yeneng Sun and Yishu Zeng), 2014

▸ Perfect equilibria in large games with infinitely many actions (with Yishu Zeng), 2015

▸ Equilibrium, core and insurance equilibrium in a private information economy (with Yeneng Sun, Lei Wu and Nicholas C. Yannelis), 2014

▸ Independent random partial matching with general types, conditional accept, *Advances in Mathematics*, 2014

▸ Independent random partial matching with general types: dynamic case, 2013

▸ Modeling infinitely many agents (with Wei He and Yeneng Sun), revise and resubmit, *Theoretical Economics*, 2015

▸ On the equivalence of randomized strategy equilibria in non-atomic games (with Haomiao Yu), 2015

Working in Progress

▸ Exact representation (with Wei He and Haomiao Yu), 2014

▸ Large correlated game (with Haomiao Yu), 2013

▸ Pure-strategy equilibria in non-atomic games with discontinuous payoffs (with Haomiao Yu), 2015

▸ Upper hemicontinuity in Bayesian games, 2014

Presentations

27 July 2015	On the equivalence of randomized strategy equilibria in non-atomic games (Scheduled) The 15th Society for the Advancement of Economic Theory Conference, 27–31 July 2015, London, United Kingdom
29 Nov 2014	Modeling infinitely many agents The 2014 Shanghai Economic Theory Workshop, School of Economics, Shanghai University of Finance and Economics, 29 November 2014, Shanghai, China
21 Jun 2014	Equilibrium, core and insurance equilibrium in a private information economy The 2014 Asian Meeting of the Econometric Society, 20–22 June 2014, Taipei
30 Apr 2014	Modeling infinitely many agents Business School, Nanjing University, 30 April 2014, Nanjing, China
12 Nov 2013	Independent random partial matching with general types School of Economics, Shanghai University of Finance and Economics, 12 November 2013, Shanghai, China
6 Aug 2013	Modeling infinitely many agents Summer School of Econometric Society in Seoul, 6–10 August 2013, Seoul, Korea
3 Aug 2013	Modeling infinitely many agents The 2013 Asian Meeting of the Econometric Society, 2–4 August 2013, Singapore
22 Jul 2013	On the diffuseness of incomplete information game The 13th Society for the Advancement of Economic Theory Conference, 22–26 July 2013, Paris, France
24 Jan 2013	Independent random partial matching with general types School of Economics, Huazhong University of Science and Technology, 24 January 2013, Wuhan, China
8 Dec 2012	Independent random partial matching with infinite types The 8th Mathematical and Physical Science Graduate Congress, Faculty of Science, Chulalongkorn University, 7–8 December 2012, Bangkok, Thailand
2 Jul 2012	Independent random partial matching with infinite types: dynamic case The 12th Society for the Advancement of Economic Theory Conference, 30 June–3 July 2012, Brisbane, Australia
27 Jun 2011	Independent random partial matching with infinite types The 11th Society for the Advancement of Economic Theory Conference, 26 June–1 July 2011, Faro, Portugal
17 Jan 2011	Independent random partial matching with infinite types The Probabilistic Impulse behind Modern Economic Theory, Institute for Mathematical Sciences, National University of Singapore, 11–18 January 2011, Singapore

Other Experiences

Jun–Jul 2014	Visiting Scholar, Department of Economics, National University of Singapore, 9 June–2 July 2015 (Scheduled)
May–Aug 2014	Visiting Scholar, Department of Economics, National University of Singapore, 3 May–4 June, 8 July–29 August 2014
Jan–Aug 2013	Research Assistant of Professor Yeneng Sun, Department of Mathematics, National University of Singapore, 14 January–31 August 2013
Aug 2013	Visiting Student, Summer School of Econometric Society in Seoul, College of Economics and Finance, Hanyang University, 6–10 August 2013
May–Jul 2013	Visiting Student, Trimester Program on Stochastic Dynamics in Economics and Finance, Hausdorff Research Institute for Mathematics, University of Bonn, 31 May–21 July 2013
Jul–Aug 2007	Visiting Student, Undergraduate Research Project, Academy of Mathematics and Systems Science, Chinese Academy of Sciences, July–August 2007

Awards and Grants

Dec 2014	Advisor for the Outstanding Bachelor's Thesis of Hubei Province
2015–2017	Principal Investigator, National Natural Science Foundation of China (Independent Random Partial Matching: Theory and Applications, Grant No. 11401444)
Dec 2014	Teaching Award for AY 2013/2014 S2, Economics and Management School, Wuhan University
2013–2015	Participator, National Natural Science Foundation of China (Saturated Probability Spaces and the Applications to Game Theory, Grant No. 11201283, PI: Yongchao Zhang)

2013	Research Start-up Grant, Wuhan University
2011	Travel Grant, National University of Singapore
2010–2013	Letter of Commendation for Graduate Tutor for AY 2009/2010, AY 2010/2011, AY 2011/2012, and AY 2012/2013, Department of Mathematics, National University of Singapore
Oct 2010	Part-Time Teaching Assistant Award for AY 2009/2010, Faculty of Science, National University of Singapore
2008–2012	The President's Graduate Fellowship, National University of Singapore
2004–2008	Outstanding Freshman Scholarship (Grade 3) of 2004, Zhang Zongzhi Sci-Tech Scholarship of 2005, Outstanding Student Scholarship (Grade 1) of 2006 and 2007, Outstanding Undergraduate Research Project of 2007, Outstanding Bachelor's Thesis of 2008, University of Science and Technology of China

Professional Service

- Referee for *Economic Theory*, *Frontiers of Economics in China*, *Fuzzy Sets and Systems*, *International Journal of Game Theory*, *Journal of Mathematical Economics*, *Mathematics of Operations Research*
- Faculty Recruiting Committee, Economics and Management School, Wuhan University, 2013–2014, 2014–2015
- Seminar Committee, Department of Mathematical Economics and Mathematical Finance, Economics and Management School, Wuhan University, 2013–2014, 2014–2015
- Advisor for Undergraduates Enrolled in 2014, Department of Mathematical Economics and Mathematical Finance, Economics and Management School, Wuhan University, 2014–2015

Teaching Experience

2014 Fall	Game Theory (year-4 undergraduate, 1400036), Wuhan University, Instructor
2014 Fall	Auction Theory (year-3 undergraduate, 0300447), Wuhan University, Instructor
2014 Fall	Topics in Frontiers of Economics and Finance (year-4 undergraduate, 0200568, with O-Chia Chuang, Jingbo Cui, Xiaoying Deng, Wei Huang, Tian Xie), Wuhan University, Instructor
2014 Fall	Mechanism Design (year-2 graduate, with Jingbo Cui), Wuhan University, Instructor
2014 Spring	Matching and Market Design (year-2 undergraduate, 0200496), Wuhan University, Instructor
2014 Spring	Matching and Market Design (year-1 graduate, with Lijia Wei), Wuhan University, Instructor
2013 Fall	Game Theory (year-4 undergraduate, 1400036), Wuhan University, Instructor
2013 Fall	Topics in Game Theory (year-2 graduate, with Jingbo Cui), Wuhan University, Instructor
2012 Fall	Game Theory (MA4264), National University of Singapore, Teaching Assistant
2012 Spring	Linear Algebra (MA1101R), National University of Singapore, Teaching Assistant
2011 Fall	Game Theory (MA4264), National University of Singapore, Teaching Assistant
2011 Spring	Linear Algebra (MA1101R), National University of Singapore, Teaching Assistant
2010 Fall	Fundamental Concepts of Mathematics (MA1100), National University of Singapore, Teaching Assistant
2010 Spring	Linear Algebra (MA1101R), National University of Singapore, Teaching Assistant
2009 Fall	Fundamental Concepts of Mathematics (MA1100), National University of Singapore, Teaching Assistant
2009 Spring	Linear Algebra 1 (MA1101R), National University of Singapore, Lab Assistant
2008 Fall	Calculus (MA1102R), National University of Singapore, Lab Assistant

References

Available upon request