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Employment

National University of Singapore:

Current:

Associate Professor of Economics (July 2014-present)
Director (August 2020-present) and MFE Program Director (February 2020-present) of the Risk Management Institute
Dean's Chair (July 2019-June 2022) and Vice Dean of IRSD (August 2017-present) of the Faculty of Arts and Social Sciences

Past:

Assistant Professor of Economics (2009-2014)
Deputy Director of the Risk Management Institute (November 2018-July 2020)
Assistant Dean of Undergraduate Studies (January 2015-December 2015 and January 2017-July 2017) of the Faculty of Arts and Social Sciences

Education

PhD, Economics, Northwestern University, 2009

MA, Economics, National Taiwan University, 2002

BBA, Accounting, National Taiwan University, 2000

Publications

Learning by matching, (with Gaoji Hu), *Theoretical Economics* 15 (2020), 29-56.

Equivalence of stochastic and deterministic mechanisms, (with Wei He, Jiangtao Li, and Yeneng Sun), *Econometrica* 87 (2019), 1367-1390.

Revisiting the foundations of dominant-strategy mechanisms, (with Jiangtao Li), *Journal of Economic Theory* 178 (2018), 294-317.

Characterizing the strategic impact of misspecified beliefs, (with Alfredo Di Tillio, Eduardo Faingold, and Siyang Xiong), *Review of Economic Studies* 84 (2017), 1424-1471.

Rationalizability in general situations, (with Xiao Luo and Chen Qu), *Economic Theory* 61 (2016), 147-167.

Agreeing to agree and Dutch books, (with Ehud Lehrer, Jiangtao Li, Dov Samet, and Eran Shmaya), *Games and Economic Behavior* 93 (2015), 108-116.

Full implementation in backwards induction, (with Yifei Sun), *Journal of Mathematical Economics* 59 (2015), 71-76.

The robust selection of rationalizability, (with Satoru Takahashi and Siyang Xiong), *Journal of Economic Theory* 151 (2014), 448-475.

- The e-mail game phenomenon, (with Siyang Xiong), *Games and Economic Behavior* 80 (2013), 147–156.
- Genericity and robustness of full surplus extraction, (with Siyang Xiong), *Econometrica* 81 (2013), 825–847.
- An indistinguishability result on rationalizability under general preferences, (with Xiao Luo), *Economic Theory* 51 (2012), 1–12.
- A structure theorem for rationalizability in the normal form of dynamic games, *Games and Economic Behavior* 75 (2012), 587–597.
- Note on unawareness, (with Jeffrey C. Ely and Xiao Luo), *International Journal of Game Theory*, 41 (2012), 325–329.
- The genericity of beliefs-determine-preferences models revisited, (with Siyang Xiong), *Journal of Economic Theory* 146 (2011), 751–761.
- Uniform topologies on types, (with Alfredo Di Tillio, Eduardo Faingold, and Siyang Xiong), *Theoretical Economics* 5 (2010), 445–478.
- Universality of the Epstein-Wang type structure, *Games and Economic Behavior* 68 (2010), 389–402.
- “Topologies on types”: correction, (with Siyang Xiong), *Theoretical Economics* 3 (2008), 283–285.
- Delay in a bargaining game with contracts, (with Xiao Luo), *Theory and Decision* 65 (2008), 339–353.
- Iterated strict dominance in general games, (with Ngo Van Long and Xiao Luo), *Games and Economic Behavior* 61 (2007), 299–315.

Working Papers

- Getting dynamic implementation to work, (with Richard Holden, Takashi Kunimoto, Yifei Sun, and Tom Wilkening), R&R, *Journal of Political Economy*.
- Maskin meets Abreu and Matsushima, (with Takashi Kunimoto, Yifei Sun, Siyang Xiong), R&R, *Theoretical Economics*.
- Continuous implementation with small transfers, (with Takashi Kunimoto and Yifei Sun), R&R, *Journal of Economic Theory*.
- Continuous implementation with direct revelation mechanisms, (with Manuel Mueller-Frank and Mallesh Pai), R&R, *Journal of Economic Theory*.
- Rationalizable implementation in finite mechanisms, (with Takashi Kunimoto, Yifei Sun, Siyang Xiong), R&R, *Games and Economic Behavior*.
- A theory of stability in matching with incomplete information, (with Gaoji Hu), , R&R, *American Economic Journal: Microeconomics*.
- Information design in optimal auctions, (with Xiangqian Yang), submitted.
- Robust refinement of rationalizability, (with Satoru Takahashi and Siyang Xiong), submitted.
- Efficiency of stable matching with two-sided incomplete information, (with Samuel Ho Cher Sien).
- Direct Nash implementation with hard evidence, (with Soumen Banerjee and Yifei Sun).
- On the equivalence of forward and backward induction reasoning under general preferences, (with Xiao Luo and Xuewen Qian).

Invitations, Awards, and Professional Service

Invited talks

Semi-Plenary Speaker, The 6th World Congress of the Game Theory Society (2021)
 Academia Sinica (2009, 2012, 2015, 2016, 2017, 2019), Chung-Hua Institution for Economic Research (2019),
 CUHK (2011, 2014), City University of Hong Kong (2013), HKUST (2016), National Chung Cheng University (2015, 2018), National Taiwan University (2015), Kyoto University (2010), Rice University (2010),
 SHUFE (2012, 2016), Seoul National University (2013), Singapore Management University (2014), University of Queensland (2017), University of Melbourne (2016), University of Michigan (2016), University of Pennsylvania (2016), University of Tokyo (2010, 2012), UNSW (2017)

Awards

NUS Faculty of Arts and Social Sciences Dean's Chair, 2019-2022
 NUS Faculty of Arts and Social Sciences Teaching Excellence Award, 2010, 2011
 NUS Faculty of Arts and Social Sciences Award of Promising Researcher, 2010

Editorial Board and Reviewer for Journals

Associate Editor, *Academia Economic Papers*, 2020-present
 Reviewer for: *American Economic Review*, *American Economic Journal: Microeconomics*, *Econometrica*, *Economics Letters*, *Economic Theory*, *Games and Economic Behavior*, *International Economic Review*, *International Journal of Game Theory*, *Journal of Economic Theory*, *Journal of Institutional and Theoretical Economics*, *Journal of Mathematical Economics*, *Mathematical Social Science*, *Mathematics of Operations Research*, *Operations Research*, *Review of Economic Studies*, *Singapore Economic Review*, *Taiwan Economic Review*, *Theoretical Economics*, *Theory and Decision*

Committee and Conference Organization

Asia Regional Standing Committee of the Econometric Society, 2021-2023 and 2015-2018
 The 2021 ACM Conference on Economics and Computation (as a program committee member)
 The 2018 IMS Summer Program on Dynamic Models in Economics at NUS (as a programme co-chair)
 The 2017 China Meeting of the Econometric Society (as a program committee member)
 The 2015 World Congress of Econometric Society (as a program committee member)
 The 2013 Asian Meeting of the Econometric Society (as the organizing secretary)

PhD Thesis Supervision

As the principal supervisor:

Yifei SUN (2015, UIBE), Jiangtao LI (2017, SMU), Gaoji HU (2017, SHUFE), Xiangqian YANG (in progress), Soumen BANERJEE (in progress), Xinhan ZHANG (in progress)

As a committee member:

Bin MIAO (2013), Ben WANG (2014); Bin LIU (2015), Xuwen QIAN (2016), Guangpu YANG (2016), Xin FENG (2017), Yongchuan QIAO (2017), Zhe WANG (2017), Yang SUN (2018), Zijia WANG (in progress), Ting PEI (in progress), Dongri Liu (in progress)