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Employment

National University of Singapore:

Current:

Professor of Economics and Provost's Chair
Director of the Risk Management Institute

Past:

Associate Professor (July 2014-Dec 2020) and Assistant Professor of Economics (July 2009-June 2014)
Deputy Director of the Risk Management Institute (November 2018-July 2020)
Vice Dean of IRSD (August 2017-July 2022) and 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

Bayesian stable states, (with Gaoji Hu), *Games and Economic Behavior*, forthcoming.

Direct implementation with evidence, (with Soumen Banerjee and Yifei Sun), *Theoretical Economics*, forthcoming.

Information design in optimal auctions, (with Xiangqian Yang), *Journal of Economic Theory* 212 (2023).

Continuous Implementation with Payoff Knowledge, (with Takashi Kunimoto and Yifei Sun), *Journal of Economic Theory* 209 (2023).

Getting Dynamic Implementation to Work, (with Richard Holden, Takashi Kunimoto, Yifei Sun, and Tom Wilkenning), *Journal of Political Economy* 131 (2023), 285-387.

A Theory of Stability in Matching with Incomplete Information, (with Gaoji Hu), *American Economic Journal: Microeconomics* 15 (2023), 288-322.

Robust Refinement of Rationalizability with Arbitrary Payoff Uncertainty, (with Satoru Takahashi and Siyang Xiong), *Games and Economic Behavior* 136 (2022), 485-504.

Maskin Meets Abreu and Matsushima, (with Takashi Kunimoto, Yifei Sun, Siyang Xiong), *Theoretical Economics* 17 (2022), 1683-1717.

Continuous Implementation with Direct Revelation Mechanisms, (with Manuel Mueller-Frank and Mallesh Pai), *Journal of Economic Theory* 201 (2022).

Rationalizable implementation in finite mechanisms, (with Takashi Kunimoto, Yifei Sun, Siyang Xiong), *Games and Economic Behavior* 129 (2021), 187-197.

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

The wisdom of the crowd and higher-order beliefs, (with Manuel Mueller-Frank and Mallesh Pai), accepted by EC2023.

Information design in allocation with costly verification, (with Gaoji Hu and Xiangqian Yang), R&R, *International Economic Review*.

Axiomatizing correlation preference, (with Soo Hong Chew and Xinhan Zhang).

Efficiency of stable matching with two-sided incomplete information, (with Samuel Ho Cher Sien).

Consistency and pairwise consistency, (with Xinhan Zhang).

Distributionally robust auction design, (with Nir Bachrach, Inbal Talgam-Cohen, Xiangqian Yang, and Wanchang Zhang).

On the equivalence of forward and backward induction reasoning under general preferences, (with Xiao Luo and Xuewen Qian).

Implementation with uncertain evidence, (with Soumen Banerjee).

Invitations, Awards, and Professional Service

Invited talks

Semi-Plenary Speaker, The 6th World Congress of the Game Theory Society (2021 (online))
 Academia Sinica (IEAS: 2009, 2012, 2015, 2016, 2017, 2019, 2022, 2023 and RCHSS: 2023), Bilkent University (2023 (online)), Chung-Hua Institution for Economic Research (2019), CUHK (2011, 2014), City University of Hong Kong (2013), HKUST (2016, 2023 (online)), HKBU-Kyoto-NTU-Osaka-Sinica (2021), Higher School of Economics (2021 (online)), National Chung Cheng University (2015, 2018), National Taiwan University (2015, 2023), Kyoto University (2010), Rice University (2010), SHUFE (2012, 2016), Seoul National University (2013), Singapore Management University (2014), Universidad Diego Portales (2021 (online)), University of Queensland (2017), University of Melbourne (2016), University of Michigan (2016), University of Pennsylvania (2016), University of Tokyo (2010, 2012), UCSD (2021 (online)), UNSW (2017)

Awards

Economic Theory Fellow, Society for the Advancement of Economic Theory, 2023
 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
 Coordinating Editor, *Theory and Decision*, 2022-present
 Reviewer for: *American Economic Review*, *American Economic Review: Insights*, *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, 2021-2024 and 2015-2018
 The 2023 ACM Conference on Economics and Computation (as a program committee member)
 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, SUFE), Xiangqian YANG (2021, Hunan U.), Soumen BANERJEE (2022, SWUFE), Xinhao ZHANG (2023, Bocconi postdoc)

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 (2021), Ting PEI (2021), Dongri LIU (2021), Wenbo ZHAO (2023), Ki Vin Foo (in progress), Danhou LI (in progress), Zuo YANG (in progress), Yiyao ZHU (in progress)