

Chiu Yu Ko

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Position

Associate Professor, Department of Decision Sciences and Managerial Economics, Chinese University of Hong Kong, 2020–Present

Associate Professor (by courtesy), Department of Economics, Chinese University of Hong Kong, 2023–Present

Assistant Professor, Department of Economics, National University of Singapore, 2012–2020.

Research Interest

Primary: Applied Game Theory, and Industrial Organization

Secondary: Economic History, Public Economics, and Financial Economics

Education

Ph.D. Economics, Boston College, 2012.

M.A. Economics, Boston College, 2009.

M.Phil. Economics, Chinese University of Hong Kong, 2007.

B.B.A. Insurance Financial and Actuarial Analysis, Chinese University of Hong Kong, 2005.

Research

Publications

1. Automated conflict resolution: Sharing sequentially triggered losses. (with Jens Gudmundsoon and Jens Hougaard) Accepted by *Management Science*.
2. A welfare economic interpretation of FRAND. (with Jens Hougaard and Xuyao Zhang) Accepted by *Mathematical Social Science*.
3. Sleeplessness, Distraction, and Stock Market Performance: Evidence from the World Cup. (with Jinghan Cai and Manyi Fan). *Global Finance Journal*, 56, (203): 100823.
4. Can corruption encourage clean technology transfer? (with Bo Shen and Xuyao Zhang) Forthcoming at *Journal of Public Economic Theory*.

5. Partial compatibility in two-sided markets: Equilibrium and welfare analysis, *Economic Modelling*, 116, (2022): 105989 (with Rong Ding and Bo Shen).
6. A Welfare Analysis of Licensing under Rent Dissipation. *Economic Modelling*, 105, (2021): 10565. (with Rong Ding).
7. Are Dominant Platforms Good for Consumers? *Economic Inquiry*, 59, (2021): 1364-1377. (with Bo Shen)
8. Competitive Screening and Information Transmission. *Journal of Public Economic Theory*, 23, (2021): 407–437. (with Inacio Bo)
9. Choosing a Production Joint Venture Partner. *Journal of Institutional and Theoretical Economics*, 176, (2020): 665–685. (with Rong Ding and Bo Shen)
10. Decentralized One-to-many bargaining. *International Economic Review*, 61, (2020): 39–72. (with Duoze Li)
11. Research Joint Venture with technology transfer. *Canadian Journal of Economics*, 53, (2020): 341-358. (with Xuyao Zhang)
12. Decentralized Mechanisms for River Sharing. *Journal of Environmental Economics and Management*, 94, (2019): 67–81. (with Jens Gudmundsoon and Jens Hougaard)
13. Sharing Sequential Value in a Network. *Journal of Economic Theory*, 177, (2018): 734-799. (with Ruben Juarez and Jingyi Xue)
14. On the Role of Outside Options in Wage Renegotiation. *Journal of Economics & Management Strategy*, 27(4), 2018: 792-803. (with Fengjiao Chen and Duoze Li)
15. Unified China and Divided Europe. *International Economic Review*, 59(1), (2018): 285-327. (with Mark Koyama, and Tuan-Hwee Sng)
16. A Note on Budget Constraints and Outside Option in Common Agency. *Theory and Decision*, 83(1), (2017): 95-106.
17. Regional Dependence and Political Centralization in Imperial China. *Eurasian Geography and Economics* 54, (2014): 470–483. (with Tuan-Hwee Sng)
18. Choosing a Licensee from Heterogeneous Rivals. *Games and Economic Behavior* 82, (2013): 254–268. (with Anthony Creane and Hideo Konishi)
19. Profit-maximizing Matchmaker. *Games and Economic Behavior* 75, (2012): 217–232. (with Hideo Konishi)

Working Paper

20. Monopsony employer. (with Charles Leung)
21. Incentive-compatible public transport fares with random inspection. (with Inacio Bo)

Invited Book Review

1. “Market Design: Auction and Matching” by Guillaume Haeringer, MIT Press 2018. In *Economic Record*, 2019.

Grant and Award

Direct Research Grant 178920013, Business School, Chinese University of Hong Kong, 2021–2022.

Tier 1 Research Grant R-122-000-268-115, Ministry of Education, Singapore, 2017–2019.

Faculty Long Service Awards, Faculty of Arts and Social Sciences, National University of Singapore, 2017.

Tier 1 Research Grant R-122-000-219-112, Ministry of Education, Singapore, 2015–2018.

Teaching Enhancement Grant, National University of Singapore, 2014–2015.

Startup Research Grant, National University of Singapore, 2012–2015.

Dissertation Fellowship, Department of Economics, Boston College, 2012.

Dissertation Fellowship, Graduate Schools of Arts and Social Sciences, Boston College, 2011.

Selected Students, 1st São Paulo School of Advanced Sciences on Game Theory, 2010.

Summer Research Award, Department of Economics, Boston College, 2009.

Conference and Seminar

2022 Society of Advancement of Economic Theory Conference (SAET); Conference on Mechanism and Institution Design (CMiD)

2021 Society of Advancement of Economic Theory Conference (SAET); Hong Kong University of Science and Technology IO Workshop; Lingnan University

2020 Academia Sinica; ESSEC Business School

2019 International Conference in Microeconomics (Korea University); Singapore Economic Review Conference (SERC); Southwest Economic Theory Workshop (Southwest University of Finance and Economics); Australian National University; University of Melbourne; Deakin Theory Workshop (Deakin University); Academia Sinica; New York University-Shanghai; Chinese University of Hong Kong; City University of Hong Kong; Sungkyunkwan University

2018 University of Copenhagen; Meeting of European Association for Research in Industrial Economics (EARIE); Meeting of Society of Social Choice and Welfare (SSCW); Asian Law & Economics Association Conference (ALEA); Society of Advancement of Economic Theory Conference (SAET); Seoul National University; Korea University

- 2017 Asia School of Business; Singapore Economic Review Conference (SERC); East Asian Game Theory Conference (EAGT); Conference on Economic Design (SED); Econometric Society Asia Meeting; City University of Hong Kong; Annual Searle Roundtable on Patent and Technology Standards (Northwestern University); Sun Yat-sen University
- 2016 Distributive Justice and Economic Theory (Seoul National University); Applying Game Theory to Humanities (Korea Institute of Advanced Studies); Workshop on Game Theory and Application (Chinese University of Hong Kong); Singapore Joint Economic Theory Workshop; World Congress of Game Theory Society (GAMES); European Game Theory Meeting (SING); Meeting of Society of Social Choice and Welfare (SSCW); Taipei Conference on Growth, Trade and Development
- 2015 Academic Sinica; Shanghai University of Finance and Economics; East Asian Game Theory Conference (EAGT); Conference on Economic Design (SED); Joint Conferences on “Logic, Game Theory, and Social Choice” and “Pan-Pacific Conference on Game Theory”; Nanyang Technological University
- 2014 Academic Sinica; Society of Advancement of Economic Theory Conference (SAET); Meeting of Society of Social Choice and Welfare (SSCW)
- 2013 Multi-sided Platform Workshop (National University of Singapore); Econometric Society Asia Meeting; Society of Advancement of Economic Theory Conference (SAET); Public Economic Theory (PET)
- 2012 Biennial Conference of Hong Kong Economic Association (HKEA); Public Economic Theory (PET)
- 2011 Midwest Economic Theory and International Trade Meeting; Public Economic Theory (PET)
- 2010 Brazilian Workshop of Game Theory Society (BWGT); Jerusalem School of Economic Theory

Professional Activities

Reviewer for *Australian Economics Paper*, *Economic Bulletin*, *Economic Record*, *Games and Economic Behavior*, *International Economic Review*, *International Journal of Game Theory*, *Journal of Mathematical Economics*, *Journal of Public Economic Theory*, *Mathematical Social Science*, *Review of Network Economics*, *Review of Economic Dynamics*, *Singapore Economic Review*.

Organizer, Second Singapore Economics PhD Conference, National University of Singapore, Nov 2016.

Advisor, Graduate Student Reading Group (Applied Economic Theory), Department of Economics, National University of Singapore, 2015–2016.

Coordinator, Reading Group (Applied Theory and Industrial Organization), Department of Economics, National University of Singapore, 2012–Present.

Advisor, Graduate Student Reading Group (Applied Economic Theory and Industrial Organization), Department of Economics, National University of Singapore, 2013–2014.

Co-organizer, Multi-sided Platform Workshop, National University of Singapore, Dec 2013.

Departmental Service, Department of Decision Science and Managerial Economics, Chinese University of Hong Kong, 2020–present:

Seminar Committee (2020–2021).

Curriculum Committee (2021–), Department Assessment Panel (2020–), Teaching Assistant Coordinator (2021–)

Departmental Service, Department of Economics, National University of Singapore, 2012–2020:

Graduate Committee (2013–2014, 2017–2018).

Applied Economics Program (2014–2015, 2017–2019).

Subcommittee on collaborative programs: double degree programs (2018–2019)

External Service, Specialist Referee in Economic and Financial Modeling, S.T. Yau High School Science Award (Asia), 2022.

Teaching

Publications/Presentation/Software

Using formative feedback, peer review, and online video-recorded presentations to enhance students' research reports. *CDTL Brief*, 19(1), 3–9.

FASS Teaching Seminar, National University of Singapore, 16 Aug 2016.

R package, CandleStickPattern (2019), <https://github.com/kochiuyu/CandleStickPattern>

Chinese University of Hong Kong

Microeconomic Theory (Ph.D.): Fall 2021, Fall 2022.

Statistical Analysis for Business Decision (Undergraduate): Fall 2020, Fall 2021, Fall 2022.

National University of Singapore

Industrial Organization (Ph.D.): Fall 2012, Fall 2013, Fall 2014, Fall 2015, Fall 2016.

Applied Financial Economics (Master): Spring 2017, Spring 2018, Spring 2019.

Financial Market Microstructure (Undergraduate Honor): Fall 2015, Fall 2016, Fall 2017, Spring 2017, Fall 2018, Spring 2019, Fall 2019.

Microeconomics Analysis III (Undergraduate Honor): Fall 2012, Fall 2013, Spring 2015.

Boston College

Statistics (Undergraduate): Spring 2011, Fall 2011.

Advising

Chinese University of Hong Kong

Ph.D. Students, Primary Advisor:

Xinyan Liu (Current)

National University of Singapore

Ph.D. Students, Primary Advisor:

Xuyao Zhang (2017), Zhiqi Lu (2020)

Ph.D. Students, Committee:

Rong Ding (2015), Xuyuan Liu (2015), Bin Liu (2016), Zhe Wang (2017)

Undergraduate Honors Thesis:

Bhaniramka Akshat (2019), Mimani Tanvi (2019), Lim Wei Yan Bryan (2018), Mudit Kedia (2018), Chew Pheeraphol (2018), Shiang Chen Ting (2018), Lim Si Min Sally (2018), Soh Giap Hong Daniel (2017), Chia Keat Loong (2016), Evelyn Chew Yu Hui (2016), Nguyen Hoang Diem An (2015 Spring), Chew Yi Peng Lisa (2015), Ngiaw Kee Ann (2014), Oon Wei Ying (2014), Zhe Michelle Dong (2014), Anushiya Arunan (2014), Edmund Chua Zheng Hong (2014), Jonathan Ne Win (2013)

Undergraduate Independent Studies:

Jesslyn Zeng (2019), Chan Yong (2019), Shi Huilin (2018), Wu Jieli (2016), Koh Zhi Xing (2015)

Undergraduate Research Opportunity Program:

Lin Ja He (2015), Lim Hysen (2015)

Last updated: March 30, 2023