

# Chiu Yu Ko

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## Position

Associate Professor, Department of Decision Sciences and Managerial Economics, 2020–Present  
Assistant Professor, Department of Economics, National University of Singapore, 2012–2020.  
Member, Institute of Operation Research and Analytics, National University of Singapore, 2017–2020.

## Research Interest

Primary: Applied Game Theory, and Industrial Organization  
Secondary: Economic History, Political Economy, and Financial Economics

## Education

Ph.D. Economics, Boston College, 2012.

*Dissertation:* “Theory of Menu Auction and Applications”.

*Committee:* Hideo Konishi (Chair), Tayfun Sönmez, and M. Utku Ünver.

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. Choosing a Production Joint Venture Partner. Accepted at *Journal of Institutional and Theoretical Economics*. (with Rong Ding and Bo Shen)
2. Decentralized One-to-many bargaining. Accepted at *International Economic Review*. (with Duoche Li)
3. Research Joint Venture and Licensing. Accepted at *Canadian Journal of Economics*. (with Xuyao Zhang)

4. Decentralized Mechanisms for River Sharing. *Journal of Environmental Economics and Management*, 94, 2019, 67–81. (with Jens Gudmundsoon and Jens Hougaard)
5. Sharing sequential value in a network. *Journal of Economic Theory*, 177, (2018): 734–799. (with Ruben Juarez and Jingyi Xue)
6. On the Role of Outside Options in Wage Renegotiation. *Journal of Economics & Management Strategy*, 27(4), 2018: 792–803. (with Fengjiao Chen and Duozhe Li)
7. Unified China and Divided Europe. *International Economic Review*, 59(1), (2018): 285–327. (with Mark Koyama, and Tuan-Hwee Sng)
8. A Note on Budget Constraints and Outside Option in Common Agency. *Theory and Decision*, 83(1), (2017): 95–106.
9. Regional Dependence and Political Centralization in Imperial China. *Eurasian Geography and Economics* 54, (2014): 470–483. (with Tuan-Hwee Sng)
10. Choosing a Licensee from Heterogeneous Rivals. *Games and Economic Behavior* 82, (2013): 254–268. (with Anthony Creane and Hideo Konishi)
11. Profit-maximizing Matchmaker. *Games and Economic Behavior* 75, (2012): 217–232. (with Hideo Konishi)

### *Working Paper*

12. Sleeplessness, Distraction, and Stock Market Performance: Evidence from the World Cup. Revising for resubmission at *Management Science*. (with Jinghan Cai, Manyi Fan, Marco Richione, Natalie Russo)
13. From Win-win to Winner-take-all. Resubmitted for minor revision at *Economic Inquiry*. (with Bo Shen)
14. Competitive screening and information transmission. Revising for resubmission at *Journal of Public Economic Theory*. (with Inacio Bo)
15. A welfare economic interpretation of FRAND. (with Jens Hougaard and Xuyao Zhang)
16. Sharing sequential loss. (with Jens Gudmundsoon and Jens Hougaard)
17. Patent Competition with Licensing. (with Rong Ding)
18. Upgrading Heterogeneous Customers.
19. Technology transfer, production and corruption. (with Bo Shen and Xuyao Zhang)

### *Work in Progress*

20. Reverse Licensing (with Xuyao Zhang).
21. Dictate a Dictator, Succeed a Successor.

### *Invited Book Review*

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

### Grant and Award

Tier 1 Research Grant R-122-000-268-115, National University of 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, National University of 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

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*.

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

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

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

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

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

Departmental Service, 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)

## Teaching

### *Publications*

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

### *Presentation*

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

### *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

Ph.D. Students, Primary Advisor:

Xuyao Zhang (2017)

Zhiqi Lu (2019 Expected)

Ph.D. Students, Committee:

Rong Ding (2015)

Xuyuan Liu (2015)

Bin Liu (2016)

Zhe Wang (2017)

Undergraduate Honors Thesis:

Bhaniramka Akshat (2019 Spring)

Mimani Tanvi (2019 Spring)

Lim Wei Yan Bryan (2018 Fall)

Mudit Kedia (2018 Spring)

Chew Pheeraphol (2018 Spring)

Shiang Chen Ting (2018 Spring)

Lim Si Min Sally (2018 Spring)

Soh Giap Hong Daniel (2017 Fall)

Chia Keat Loong (2016 Fall)

Evelyn Chew Yu Hui (2016 Spring)

Nguyen Hoang Diem An (2015 Spring)

Chew Yi Peng Lisa (2015 Spring)

Ngiaw Kee Ann (2014 Fall)

Oon Wei Ying (2014 Fall)

Zhe Michelle Dong (2014 Spring)

Anushiya Arunan (2014 Spring)

Edmund Chua Zheng Hong (2014 Spring)

Jonathan Ne Win (2013 Spring)

Undergraduate Independent Studies:

Zeng Yonghui, Jesslyn (2019 Spring)

Chan Yong (2019 Spring)

Shi Huilin (2018 Spring)

Wu Jieli (2016 Spring)

Koh Zhi Xing (2015 Spring)

Undergraduate Research Opportunity Program:

Lin Ja He (2015 Spring)

Lim Hysen (2015 Spring)

Last updated: July 2, 2020