

Kai Hao Yang

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Citizenship: Taiwan; U.S. Permanent Resident

Academic Appointments

2021 - Assistant Professor, School of Management, Yale University
2020 - 2021 Postdoctoral Associate, Cowles Foundation, Yale University

Research Fields

Microeconomic theory, mechanism design, information design, industrial organization, political economy

Education

2014 - 2020 University of Chicago, PhD in Economics
2008 - 2012 National Taiwan University, BA in Political Science, *summa cum laude*

Research Papers

Publications

- “Regulating Oligopolist Competition” (with Alexander K. Zentefis),
Journal of Economic Theory, 2023
- “On the Continuity of Outcomes in a Monopoly Market”,
Journal of Mathematical Economics, 2023
- “Selling Consumer Data for Profit: Optimal Market-Segmentation Design and its Consequences”,
American Economic Review, 2022
- “Efficient Demands in a Multi-Product Monopoly”,
Journal of Economic Theory, 2021

Working Papers

- “Privacy-Preserving Signals” (with Philipp Strack)
- “The Economics of Monotone Function Intervals” (with Alexander K. Zentefis),
Revision Requested by *American Economic Review*
- “Informational Intermediary, Market Feedback, and Welfare Losses” (with Wenji Xu),
Revision Requested by *RAND Journal of Economics*
- “Equivalence in Business Models for Informational Intermediaries”

Short Notes

- “A Note on Generating Arbitrary Joint Distributions using Partitions”

Teaching

School of Management, Yale University
AY 2022-2024 Basics of Economics (MBA & EMBA)

Department of Economics, Yale University
AY 2024 Advances in Microeconomics (PhD)

Conference & Seminar Presentations

- 2023 - 2024 Warwick*, NBER Market Design Conference*, Caltech*, NYU*, SEA Conference*, Conference on Privacy, Data and Information in Markets (Penn State)*, ASSA/AEA Conference*, Econometric Society North America Winter Meetings*, Toronto*, Queen's University*
- 2022 - 2023 NYU IO Day, USC, Caltech, UCLA, SEA Conference, Stony Brook, Rochester, Econometric Society North America Winter Meetings, Princeton, Michigan State, Econometric Society North America Summer Meetings, BFI Economic Theory Conference
- 2021 - 2022 NUS, São Paulo University, SEA Conference, Columbia, ASU Theory Conference, APIOC Conference, ASSA/AEA Conference, ACDE Conference**, Triangle Micro Conference (Duke/UNC), SET (virtual), MIT/Harvard, IIOC Conference, VSET (virtual), Econometric Society North America Summer Meetings, Conference on Mechanism and Institution Design (NUS).
- 2020 - 2021 Yale, NBER Economics of AI Conference**, Penn State, CityU Hong Kong, UPenn, IIOC Conference**, TSE Economics of Platform Series
- 2019 - 2020 Young Economist Symposium (Columbia), International Conference on Game Theory (Stony Brook), Econometric Society North America Summer Meetings (University of Washington - Seattle), Berkeley-Columbia-Duke-MIT-Northwestern IO Theory Conference (UC Berkeley Haas), Northwestern Kellogg (MEDS), Yale SOM, Chicago Booth, Stanford GSB, ASU, UC Berkeley, National Taiwan University, Academia Sinica
- 2018 - 2019 SAET (Academia Sinica), International Conference on Game Theory (Stony Brook), Young Economist Symposium (NYU), Midwest Economic Theory Conference (Indiana University - Bloomington)
- 2017 - 2018 International Conference on Game Theory (Stony Brook), Midwest Economic Theory Conference (Drexel University)

(*: scheduled; **: discussant)

Professional Activities

Refereeing: *Econometrica*, *American Economic Review*, *Quarterly Journal of Economics*, *Journal of Political Economy*, *Review of Economic Studies*, *Management Science*, *Theoretical Economics*, *Journal of Economic Theory*, *Review of Industrial Organization*, *RAND Journal of Economics*, *American Economic Review: Insight*, *Journal of Mathematical Economics*, *Journal of Economics and Management Strategy*, *Information Systems Journal*.

Organizer: Yale theory reading group (2021), Yale Theory Seminar (2022, 2023, 2024)

Awards, Honors & Fellowships

- 2019 - 2020 Dissertation Fellowship, Department of Economics, University of Chicago
- 2019 Outstanding Graduate Lecturer for Microeconomics Award, Department of Economics, University of Chicago
- 2014 - 2019 Top University Strategic Alliance Fellowship, University of Chicago & Ministry of Education Taiwan
- 2017 Best TA Award for PhD First-Year Core, Department of Economics, University of Chicago