

Tan Gan

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Citizenship: China

Fields of Concentration:

Mechanism Design, Contract Theory, Robust Design
Digitalization, Organizational Economics

Desired Teaching:

Microeconomics

Committee (Alphabetic Order):

Prof. Dirk Bergemann (chair)
Prof. Johannes Hörner

Prof. Marina Halac
Prof. Ryota Iijima

Degrees:

Ph.D., Economics, Yale University, 2024
B.S., Mathematics, Peking University, 2018

Publications:

“The Economics of Social Data” Rand Journal of Economics, 2022, 53 with Dirk Bergemann and Alessandro Bonatti

“Optimal Contingent Delegation” Journal of Economic Theory, 2023, 208 with Ju Hu and Xi Weng

Working Papers:

“Robust Advertisement Pricing” with Hongcheng Li

“From Doubt to Devotion: Trials and Learning-Based Pricing” with Nicholas Wu

“Managing Persuasion Robustly: The Optimality of Quota Rules” with Dirk Bergemann and Yingkai Li

“Misaligning Incentives in Team: Unique Implementation under Contracting Frictions” with Carlo Cusumano and Ferdinand Pjeroth

“Gacha Game: When Prospect Theory Meets Optimal Pricing”

Selected Fellowships and Awards:

George Trimis Prize for Distinguished Dissertation in Economics, Yale, 2024
Carl Arvid Anderson Prize Fellowship, Yale, 2021-2022
Gold Medal, the 8th S.T. Yau College Student Mathematics Contests, 2017
Top Talents in Applied Mathematics Fellowship, PKU, 2016-2018

Professional Service:

Referee: *Econometrica*, *Review of Economic Studies*, *AER*, *AER Insight*, *Rand Journal of Economics*, *Journal of Economics & Management Strategy*, *Econometrica* technique referee, *AER Insight* technique referee.
Organizer: Young Economists Symposium (2022), Yale University

Teaching Experience:

Fall 2024, MG 465, Managerial Economics (Master), LSE
Fall 2022, Microeconomic Theory (Ph.D.), TA to Prof. Larry Samuelson
Fall 2021, Microeconomic Theory (Ph.D.), TA to Prof. Larry Samuelson
Fall 2020, Intermediate Microeconomic Theory, TA to Prof. Ryota Iijima
Spring 2018, Microeconomic Theory (Ph.D.), TA to Prof. Ju Hu (PKU)

Seminar and Conference Presentations:

2024: SITE, EC, StonyBrook Conference, SEA Conference, Helsinki GSE, Bonn, UBC, UCL, USC, Boston University, LSE, Bristol, HKU, Pittsburg, UNC, Washington St. Louis
2023: SITE, Berkeley/Columbia/Duke/MIT/Northwestern IO Theory Conference (JIE fellows), StonyBrook Conference, SEA Conference
2022: Econometric Society Summer Meeting (NA), StonyBrook Conference, YES Conference (Yale), SEA Conference
2021: Econometric Society Summer Meeting (Asia, China) INFORMS Annual, Game Theory Society World Conference
2020: Econometric Society World Congress, YES Conference (Upenn)

Languages:

Mandarin Chinese (native), English.