

Fan Wu

Humanities and Social Sciences,

Email: fwu2@caltech.edu

California Institute of Technology

Research website: wuf17.weebly.com

Education

B.S., Physics, Peking University, 2017

M.S., Finance, Tsinghua University, 2019

Ph.D., Economics, Caltech, 2019-

Leave 2020-2021

Research Interests

Microeconomic Theory: information acquisition, information design, and mechanism design.

Publications

Quantum phase space with a basis of Wannier functions, with Yuan Fang and Biao Wu, *Journal of Statistical Mechanics*, Feb 2018.

Linear Riley Equilibria in Quadratic Signaling Games, with Xi Weng, *Journal of Economic Theory*, Oct 2023

Working papers

Implementing Randomized Allocation Rules with Outcome-Contingent Transfer, with Yi Liu, R&R at *Journal of Economic Theory EC'23*

Incentivizing Information Acquisition (JMP)

Competing on Information in Selection Markets: Evidence from Auto Insurance, with Marco Cosconati, Yi Xin, Yizhou Jin

Revenue-Maximizing Overselling in Markets with Asymmetric Information, with

Jie Zheng

Generic Bayesian Implementability and Flows, with Zhonghong Kuang, Yi Liu

Languages

Chinese (native), English (fluent)

Skills

Matlab, LATEX, SAS