

FAN WU

CONTACT INFORMATION

California Institute of Technology
Division of the Humanities and Social Sciences

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EDUCATION

California Institute of Technology

Ph.D., Economics

September 2020 – June 2025

Tsinghua University

M.S., Finance,

2019

Peking University

B.S., Physics,

2017

RESEARCH FIELDS

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

REFERENCES

Omer Tamuz
Professor of Economics and Mathematics
California Institute of Technology
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Luciano Pomatto
Professor of Economics
California Institute of Technology
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Alexander W. Bloedel
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Peter Caradonna
Assistant Professor of Economics
California Institute of Technology
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WORKING PAPERS

Incentivizing Information Acquisition

Estimating Nonseparable Selection Models: A Functional Contraction Approach, with Yi Xin

Competing under Information Heterogeneity: Evidence from Auto Insurance, with Marco Cosconati, Yi Xin, Yizhou Jin, Revise and Resubmit at **Review of Economic Studies**

PUBLICATIONS

Implementing Randomized Allocation Rules with Outcome-Contingent Transfer, with Yi Liu,
Journal of Economic Theory, 2024

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

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

TEACHING/WORKING EXPERIENCE

Teaching Assistant (for Prof. Jaksza Cvitanic), MA 003 Probability Theory, Winter 2023

Teaching Assistant (for Prof. Andrew Sinclair), BEM 114 Hedge Fund, Spring 2023

Teaching Assistant (for Prof. Andrew Sinclair), BEM 109 Understanding China through Finance, Fall 2023

Teaching Assistant (for Prof. Antonio Rangel), EC 11 Introduction to Economics, Winter 2024

TECHNICAL STRENGTHS

Computer Languages: R, Matlab

Software & Tools: LaTeX, Excel