

FAN WU

CONTACT INFORMATION

Peking University
HSBC Business School

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ACADEMIC POSITIONS

Assistant Professor of Economics, Peking University HSBC Business School

2025-present

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.
Empirical IO and Econometrics.

REFERENCES

Omer Tamuz

Professor of Economics and Mathematics

California Institute of Technology

omertamuz@gmail.com

Luciano Pomatto

Professor of Economics

California Institute of Technology

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Alexander W. Bloedel

Assistant Professor of Economics

University of California, Los Angeles

abloedel@econ.ucla.edu

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

PUBLICATIONS

Competing under Information Heterogeneity: Evidence from Auto Insurance, with Marco Cosconati,
Yi Xin, Yizhou Jin,
Review of Economic Studies, Forthcoming

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

Instructor, Econ 509 Computational Economics, Winter 2025

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

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

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

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

TECHNICAL STRENGTHS

Computer Languages: R, Matlab

Software & Tools: LaTeX, Excel