

Haoyuan Zeng

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EDUCATION

Ph.D. in Economics (Expected 2026) University of Zurich	09/2020 - Present
Junior Visiting Scholar University of Oxford	04/2025 - 06/2025
M.S. in Economics (Summa Cum Laude) University of Zurich	09/2019 - 09/2024
B.S. in Economics Peking University	09/2013 - 06/2018
B.A. in Mathematics and Applied Mathematics (Dual Degree) Peking University	09/2015 - 06/2018
Exchange Student University of California, Los Angeles	09/2016 - 12/2016

RESEARCH INTERESTS

Microeconomic Theory, Market Design, Auctions, Dynamic Games.

WORKING PAPERS

Identity-Compatible Auctions (*Job Market Paper*).

- This paper studies the incentives of the seller and buyers to shill bid in a single-item auction. An auction is seller identity-compatible if the seller cannot profit from pretending to be one or more bidders via fake identities. It is buyer identity-compatible if no buyer profits from posing as more than one bidder. Lit auctions reveal the number of bidders, whereas dark auctions conceal the information. We characterize three classic selling mechanisms—first-price, second-price, and posted-price—based on identity compatibility. We show the importance of concealing the number of bidders, which enables the implementation of a broader range of outcome rules. In particular, no optimal lit auction is ex-post seller identity-compatible, while the dark first-price auction (with reserve) achieves the goal.

Persuasive Selection in Signaling Games.

Mediated Subgame Perfect Equilibrium, with Christian Ewerhart.

WORK IN PROGRESS

Mechanism Design with Information Leakage, with Samuel Häfner and Marek Pycia.

Insurance Design.

CONFERENCES AND PRESENTATIONS

2025 Swiss Theory Day (Basel), World Congress of the Econometric Society (Seoul), Berlin MT & BE PhD Conference, Conference on Economic Design (Essex), Nuffield Student Research Workshop.

2024 Swiss Theory Day (Bern), Conference on Mechanism and Institution Design (Budapest).

TEACHING EXPERIENCE

University of Zurich

Ph.D. Courses

Microeconomics for Research Students Part IIb, TA for Marek Pycia (2022 Spring, 2023 Spring).

Microeconomics for Research Students Part IIa, TA for Christian Ewerhart (2022 Spring, 2023 Spring).

Microeconomics for Research Students Part I, TA for Nick Netzer (2021 Fall).

Undergraduate Courses

Smart Contracts and Blockchain Technology, TA for Christian Ewerhart (2022 Fall).

REFEREEING

Econometrica

WORK EXPERIENCE

PricewaterhouseCoopers Management Consulting

07/2018 - 06/2019

Risk Consultant

Beijing, China

HONORS AND AWARDS

Ph.D. Scholarship, University of Zurich

2019

Ng Teng Fong Merit Scholarship, Peking University

2016

Qihang Exchange Scholarship, Peking University

2016

Leo KoGuan Scholarship, Peking University

2015

Merit Student, Peking University

2015

OTHERS

Languages: English (fluent), Mandarin Chinese (native).

Software: Python, R, MATLAB, SAS, STATA.

Citizenship: China

REFERENCE

Marek Pycia

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