Haoyuan Zeng

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Department of Economics, University of Zurich haoyuan.zeng@econ.uzh.ch Blümlisalpstrasse 10, 8006 Zurich, Switzerland https://haoyuanzeng.github.io EDUCATION Ph.D. in Economics (Expected 06/2026) 09/2020 - Present University of Zurich **Junior Visiting Scholar** 04/2025 - 06/2025 University of Oxford M.S. in Economics (Summa Cum Laude) 09/2019 - 09/2024 University of Zurich 09/2013 - 06/2018 **Bachelor of Economics in the Specialty of Finance Peking University** 09/2015 - 06/2018 B.S. in Mathematics and Applied Mathematics (Dual Degree) **Peking University Exchange Student** 09/2016 - 12/2016 University of California, Los Angeles 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.

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

Mediated Subgame Perfect Equilibrium, with Christian Ewerhart.

WORK IN PROGRESS

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

Risk Consulting Associate	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).

PricewaterhouseCoopers Management Consulting

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

Citizenship: China

REFERENCE

Marek Pycia

Department of Economics University of Zurich marek.pycia@econ.uzh.ch

Christian Ewerhart

Department of Economics University of Zurich christian.ewerhart@econ.uzh.ch

Nick Netzer

Department of Economics University of Zurich nick.netzer@econ.uzh.ch

Paul Klemperer

Department of Economics University of Oxford paul.klemperer@nuffield.ox.ac.uk 07/2018 - 06/2019