

Kehang Zhu

CONTACT	kehang_zhu (at) g.harvard.edu ◊ kehang-zhu.github.io	
EDUCATION	Harvard University Ph.D. Physics	2021 - Present
	Harvard University S.M., Computer Science	2024
	University of Science and Technology of China B.A. Physics (<i>summa cum laude</i>)	2021
REFERENCES	John J. Horton (Chair) MIT Sloan School of Management jjhorton (at) mit.edu	David C. Parkes Harvard University parkes (at) eecs.harvard.edu
	Nithum Thain Google DeepMind nthain (at) google.com	Michael J. Curry University of Illinois Chicago mjc (at) uic.edu
GRANTS (\$150,000)	Google DeepMind Seed Fund (\$50,000; Co-PI w/ John J. Horton) DropBox Research Fund (\$100,000; Co-PI w/ John J. Horton)	2024 2023
AWARDS & SCHOLARSHIPS	Harvard Student Teaching Award Introduction to Technical AI Safety Fellowship Harvard Purcell Fellowship	2024 2023 2021
WORKING PAPERS	Automated Social Science: Language Models as Scientist and Subjects (Benjamin S. Manning ¹ , Kehang Zhu ¹ , & John J. Horton) Reject & Resubmit at <i>The Quarterly Journal of Economics</i>	
	Choose Your Agent: Tradeoffs in Adopting AI Advisors, Coaches, and Delegates in Multi-Party Negotiation (Kehang Zhu ¹ , Nithum Thain Vivian Tsai, James Wexler, & Crystal Qian) <i>Under Review of Conference of Computer-Human Interaction (CHI)</i>	
	Strategic Tradeoffs Between Humans and AI in Multi-Agent Bargaining (Crystal Qian ¹ , Kehang Zhu ¹ , John J. Horton, Benjamin S. Manning, Vivian Tsai, James Wexler, & Nithum Thain) <i>Under Review of Conference of Intelligent User Interfaces (IUI)</i>	
	Learning from Synthetic Laboratory: Language Model Agents as Auction Participants (Kehang Zhu ¹ , Anad Shah ¹ ,Yancheng Jiang, Jeffrey Wang, Kerem Dayi, John Horton, & David Parkes) Under Review of <i>ICLR</i> Machine Behavior Workshop at <i>NeurIPS</i> , 2024	
PEER- REVIEWED PUBLICATIONS	Reading between the pixels: Investigating the barriers to visualization literacy (Carolina Nobre ¹ , Kehang Zhu ¹ , Eric Moerth, Hanspeter Pfister & Johanna Beyer) <i>Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems</i> , 2024	

¹Indicates first author or co-first authors

IN PROGRESS LLM-Powered Preference Elicitation in Combinatorial Assignment
(Ermis Soumalias¹, Yanchen Jiang¹, **Kehang Zhu**¹, Michael Curry, Sven Seuken & David C Parkes)

- TALKS²**
- **Conference on Artificial Intelligence, Machine Learning, and Business Analytics (2025)**
Oral: An Experimental Study of AI Agent Delegation in multi-player Negotiation
 - **Harvard EconCS Seminar (2025)**
Oral: An Experimental Study of AI Agent Delegation in multi-player Negotiation
 - **ACM Conference on Economics and Computation (EC 2025)**
Poster: Strategic Tradeoffs Between Human and AI Agents in Bargaining Games.
 - **NBER Summer Institute—Digital Economics and Artificial Intelligence Workshop (2024)**
Plenary: Automated Social Science: Language Models as Scientist and Subjects
 - **ACM Conference on Economics and Computation (EC 2024)**
Workshop: Learning from Synthetic Labs: Language Models as Auction Participants.
 - **International Conference on Computational Social Science (IC2S2 2024)**
Oral: Automated Social Science: Language Models as Scientist and Subjects
 - **ACM Collective Intelligence Conference, Boston**
Oral: Automated Social Science: Language Models as Scientist and Subjects
 - **Microsoft Research – AI, Cognition, and the Economy (AICE) Workshop**
Oral: Automated Social Science: Language Models as Scientist and Subjects
 - **AI and the Future of Work Conference, Wharton School**
Oral: Automated Social Science: Language Models as Scientist and Subjects
 - **Measuring Development, World Bank (MeasureDev 2024)**
Oral: Automated Social Science: Language Models as Scientist and Subjects
 - **Econometric Society Interdisciplinary Frontiers Conference on Economics and AI+ML**
Oral: Automated Social Science: Language Models as Scientist and Subjects
 - **American Causal Inference Conference (ACIC 2024)**
Poster: Automated Social Science: Language Models as Scientist and Subjects
 - **International Conference of the French Association of Experimental Economics (ASFEE 2024)**
Oral: Automated Social Science: Language Models as Scientist and Subjects
 - **Data Science Summit (DataFun 2024)**
Oral: Automated Social Science: Language Models as Scientist and Subjects
 - **AI Institute for Artificial Intelligence and Fundamental Interactions (2024)**
Oral: Automated Social Science: Language Models as Scientist and Subjects
 - **Interactive Causal Learning Conference (ICLC 2023)**
Oral: Automated Social Science using Language Models and Structural Causal Models.
 - **MIT Conference on Digital Experimentation (CODE 2023)**
Oral: Automated Social Science using Language Models and Structural Causal Models g

TEACHING 15.S42: Leadership in the Age of Generative AI, **Guest Lecturer for John J. Horton**—MIT Sloan School of Management, Spring 2025

AI Summer School: Introduction to Language Models and Applications in Business; **Lecturer**, Harvard University, Summer 2024

²Includes co-author presentation

AFFILIATIONS

MIT Initiative of Digital Economy, Harvard EconCS Group

PROFESSIONAL SERVICE

Southern Economic Journal, Conference on Neural Information Processing Systems (NeurIPS), Conference on Digital Experimentation (CODE), ACM-Collective Intelligence(CI), International Conference on Computational Social Science (IC2S2), International Conference on Learning Representations (ICLR), International Conference on Machine Learning (ICML), ACM Conference on Human Factors in Computing Systems (CHI), ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)

EMPLOYMENT

Sloan School of Management, Massachusetts Institute of Technology	2023 - 2026
Research Assistant for John Horton	
Google DeepMind	2025
Research Intern	
Harvard College	2024
AI Course Developer	
Applify.ai	2022 - 2023
Natural Language Processing Researcher	