

Kehang Zhu

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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)		2024
	DropBox Research Fund (\$100,000; Co-PI w/ John J. Horton)		2023
AWARDS & SCHOLARSHIPS	Harvard Student Teaching Award		2024
	Introduction to Technical AI Safety Fellowship		2023
	Harvard Purcell Fellowship		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 Collaboration with Google DeepMind (Kehang Zhu ¹ , Nithum Thain Vivian Tsai, James Wexler, & Crystal Qian) <i>Under Review of EC</i>		
	Engineering Simplicity with LLM agents (Kehang Zhu ¹ , Anamd Shah ¹ , & David Parkes) <i>Under Review of EC</i>		
	Benchmarking LLM Bidding Against Human Experimental Data (Anand Shah ¹ , Kehang Zhu ¹ , Yancheng Jiang, Jeffrey Wang, Kerem Dayi, John Horton, & David Parkes) <i>Under Review of EC</i> Machine Behavior Workshop at <i>NeurIPS</i> , 2024		
	An Experimental Study of AI Agent Delegation in multi-player Negotiation (Kehang Zhu ¹ , Crystal Qian, John J. Horton, Benjamin S. Manning, Vivian Tsai, James Wexler, & Nithum Thain) To be submitted to <i>Management Science</i>		

¹Indicates first author or co-first authors

Strategic Tradeoffs Between Humans and AI in Multi-Agent Bargaining

Collaboration with Google DeepMind

(Crystal Qian¹, **Kehang Zhu**¹, John J. Horton, Benjamin S. Manning, Vivian Tsai, James Wexler, & Nithum Thain)

Proceedings of Conference of Intelligent User Interfaces (IUI), 2026

Reading between the pixels: Investigating the barriers to visualization literacy

(Carolina Nobre¹, **Kehang Zhu**, Eric Moerth, Hanspeter Pfister & Johanna Beyer)

Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems, 2024

- **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

²Includes co-author presentation

TEACHING	15.S42: Leadership in the Age of Gerative AI, Guest Lecturer for John J. Horton —MIT Sloan School of Management, Spring 2025		
	<i>AI Summer School</i> : Introduction to Language Models and Applications in Business; Lecturer , Harvard University, Summer 2024		
	<i>AP-262</i> : Statistical Physics; TA for Vinothan N. Manoharan —Harvard University, Fall 2023		
AFFILIATIONS	MIT Initiative of Digital Economy, Harvard EconCS Group		
REVIEW SERVICE	<i>Southern Economic Journal</i> , <i>Conference on Neural Information Processing Systems (NeurIPS)</i> , <i>Conference on Digital Experimentation (CODE)</i> , <i>ACM-Collective Intelligence(CI)</i> , <i>International Conference on Computational Social Science (IC2S2)</i> , <i>International Conference on Learning Representations (ICLR)</i> , <i>International Conference on Machine Learning (ICML)</i> , <i>ACM Conference on Human Factors in Computing Systems (CHI)</i> , <i>ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)</i>		
ACADEMIC SERVICE	The Business Implications of Generative AI @ MIT (BIG.AI@MIT)		
EMPLOYMENT	Sloan School of Management, Massachusetts Institute of Technology	Research Assistant in Information Technology	2023 - 2026
	Google DeepMind	Research Intern	2025
	Harvard College	AI Course Developer	2024
	Applify.ai	Natural Language Processing Researcher	2022 - 2023