Andreas Haupt

AI Institute Fellow-in-Residence, Schmidt Sciences
Digital Fellow, Stanford Digital Economy Lab
Technology and Human Rights Fellow, Harvard Kennedy School

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I study how algorithmic systems represent and are evaluated against diverse human preferences, using methods from microeconomic theory, structural econometrics, and reinforcement learning.

Appointments

2026–2027 **Schmidt Sciences** **AI Institute Fellow-in-Residence**
Also Digital Fellow, Stanford DEL; Technology and Human Rights Fellow, Harvard Kennedy School

2024–2026 **Stanford University** **Human-Centered AI Fellow; Stanford Impact Labs Fellow**
Computer Science and Economics, with Erik Brynjolfsson and Sanmi Koyejo

Education

2019–2024 **MIT** **Ph.D., Engineering-Economic Systems**
Committee: A. Bonatti, D. Hadfield-Menell, E. Maskin, D. Parkes; MIT Presidential Fellowship.

2012–2019 **Bonn & Frankfurt** **M.S. Economics (distinction), B.S. & M.S. Mathematics, B.S. Computer Science**

Policy and Teaching Experience

2024–2026 **Stanford University**, Co-Primary Instructor: CS329H (Machine Learning from Human Preferences)
2023 **Federal Trade Commission**, Summer Fellow: memos on AI, competition, and consumer protection
2021 **European Commission**, DG COMP Trainee: voice assistants inquiry; Amazon data case
2017–2019 **Teach First Deutschland**, High School Teacher: mathematics and computer science

Selected Publications

With co-authors in parentheses.

2026 **Optimal Benchmark Item Aggregation**, *NeurIPS (E&D Track)* (with Hartenstein et al.)
TaskNet, *SSRN* (with Wang et al.)
Contextually Private Mechanisms, *AER (Lead Article)* (with Hitzig)
Machine Learning from Human Preferences, *Princeton UP (forthcoming)* (with Truong and Koyejo)
Boundary Guidance for Filtered Generation, *ICML* (with Ball)
Bruno: An AI Product Manager for Scientists, *ICML AI for Science Workshop (Best AI Scientist Award)* (with Ranganathan)
The Collapse of Heterogeneity in Silicon Philosophers, *ACM FAccT* (with Shi)
2025 **Centaur Evaluations**, *ICML (Position Paper)* (with Brynjolfsson)
Convex Markov Games, *ICML* (with Gemp et al.)
Platform Preferencing and Price Competition I, *SSRN* (with Hartzell)
2024 **Risk Preferences of Learning Algorithms**, *Games and Economic Behavior* (with Narayanan)
Formal Contracts Mitigate Social Dilemmas in MARL, *JAAMAS* (with Christoffersen et al.)
Certification Design for a Competitive Market, *ACM EC* (with Immorlica and Lucier)

Honors, Events, and Service

Honors Best AI Scientist Award, ICML AI for Science Workshop (2026); Rising Star in Data Science (2025); Young Scientist, 8th Economics Lindau Nobel Laureate Meeting (2025); Young Researcher, 12th Heidelberg Laureate Forum (2025)
Organized SimulacraBench (NeurIPS 2026), The Future of Authorship (Stanford DEL 2026), LLM Incentives (ACM EC 2026), H+AI@EC (ACM EC 2025)
Service Area Chair, ICLR/ICML/AAAI (2026–27); Co-Chair, Stanford HAI Affinity Group on Global AI Governance (2024–26); MIT AI Ethics & Policy (2021–23); MIT Science Policy Initiative (2022–23)
Talks NYU, CMU, Harvard Kennedy School, Lindau, Microsoft Research, Google DeepMind, HBS
Tools trl, peft, wandb; online learning; mathematical maturity

References

Economics	Erik Brynjolfsson (Stanford), Eric Maskin (Harvard)
AI	Sanmi Koyejo (Stanford), David Parkes (Harvard), Dylan Hadfield-Menell (MIT)
Information Science	Helen Nissenbaum (Cornell Tech)