Conference on Frontiers in Machine Learning and Economics: Methods and Applications

Call for Papers

The Federal Reserve Bank of Philadelphia and the Center for Applied AI at the University of Chicago Booth School of Business are hosting a conference on *Frontiers in Machine Learning and Economics: Methods and Applications* on **October 18-19**, 2024. The goal of this biennial conference is to bring together leading researchers across fields that work at the intersection of machine learning and the social sciences. This year's conference will be held at the Federal Reserve Bank of Philadelphia in Philadelphia, PA.

Examples of potential topics include (but are not limited to):

- Methodological advances in analyzing complex and high-dimensional datasets.
- Methodological advances in Natural Language Processing, in particular with respect to causal inference.
- Innovative applications of Generative AI.
- The societal impacts of AI and algorithmic decision making.

We welcome submissions from fields outside of economics that use methods and data that are of interest to economists. The conference is non-archival, and we aim to include about 10 papers in the program and assign discussants.

Confirmed plenary speakers:

- Michael I. Jordan (University of California - Berkeley)
- Arvind Narayanan (Princeton)

Submissions

Completed manuscripts (including early drafts) should be submitted no later than **June 30th** via the conference website at https://www.chicagobooth.edu/research/center-for-applied-artificial-intelligence/opportunities/conference-on-frontiers-in-machine-learning-and-economics. Submissions should be in PDF format and indicate the presenting author. Authors of accepted papers will be notified in July.

For any questions, please contact caai@chicagobooth.edu or visit the conference website.

The organizing committee
Jonas Arias, Thorsten Drautzburg, Simon Freyaldenhoven, Christian Hansen, Vitaly Meursault, Sanjog Misra, Minchul Shin