

Day 1: Friday, October 18

8:30 a.m.–9:00 a.m. Continental Breakfast

9:00 a.m.–10:30 a.m. Session 1: Macroeconomics

- *“Spooky Boundaries at a Distance: Turnpikes, Transversality, and Regularization”*
Mahdi Kahou (Bowdoin College) with Jesús Fernández-Villaverde (University of Pennsylvania), Sebastian Gomez-Cardona (Morningstar, Inc.), Jesse Perla (University of British Columbia), and Jan Rosa (University of British Columbia)
Discussant: Lilia Maliar (City University of New York)
- *“Deep Learning for Search and Matching Models”*
Yucheng Yang (University of Zurich and Swiss Finance Institute) with Jonathan Payne (Princeton University) and Adam Rebei (Stanford University)
Discussant: Pablo Guerron (Boston College)

10:45 a.m.–12:15 p.m. Session 2: Finance

- *“AlphaManager: A Data-Driven-Robust-Control Approach to Corporate Finance”*
Luofeng Zhou (New York University) with Murillo Campello (Cornell University) and Lin William Cong (Cornell University)
Discussant: Zhigang Feng (University of Nebraska Omaha)
- *“Financial Statement Analysis with Large Language Models”*
Alex G. Kim (University of Chicago) with Maximilian Muhn (University of Chicago) and Valeri V. Nikolaev (University of Chicago)
Discussant: Pierre Jinghong Liang (Carnegie Mellon University)

12:15 p.m.–1:45 p.m. Lunch at the Federal Reserve Bank of Philadelphia

1:45 p.m.–2:45 p.m. Keynote presentation

Sendhil Mullainathan (University of Chicago)

Conference on Frontiers in Machine Learning and Economics

OCTOBER 18–19, 2024



CHICAGO BOOTH 

Center for Applied Artificial Intelligence

3:15 p.m.–5:30 p.m. Session 3: Causal Inference

- *“Causal Effects on Text”*
Jann Spiess (Stanford University) with Iman Modarressi (University of Cambridge) and Amar Venugopal (Stanford University)
Discussant: Amir Feder (Columbia University)
- *“Using Contextual Embeddings to Predict the Effectiveness of Novel Heterogeneous Treatments”*
James C. Reeder (University of Kansas) with Paul B. Ellickson (University of Rochester), Wreetabrata Kar (Purdue University), and Guang Zeng (University of Rochester)
Discussant: Walter Zhang (University of Pennsylvania)
- *“Words Matter: The Value of Collective Bargaining Agreements”*
Benjamin Arnold (University of Cambridge) with **Elliott Ash (ETH Zurich)**, W. Bentley MacLeod (Princeton University), and Suresh Naidu (Columbia University)
Discussant: Aakash Kalyani (Federal Reserve Bank of St. Louis)

5:30 p.m.–7:00 p.m. Reception at the Federal Reserve Bank of Philadelphia

Day 2: Saturday, October 19

8:30 a.m.–9:00 a.m. Continental Breakfast

9:00 a.m.–11:15 a.m. Session 4: Fairness

- *“Are Patent Examiners Gender Neutral?”*
Hadar Avivi (Princeton University)
Discussant: Tim Christensen (Yale University)
- *“Measuring Systemic Discrimination in High Dimensional Data”*
Aislinn Bohren (University of Pennsylvania) with Peter Hull (Brown University) and Alex Imas (University of Chicago)
Discussant: Emily Black (Columbia University)
- *“Measuring Social Bias in Face Perception of a Vision-Language Model”*
Colin F. Camerer (California Institute of Technology) with Carina I. Hausladen (ETH Zurich), Manuel Knott (ETH Zurich), and Pietro Perona (California Institute of Technology)
Discussant: Daniel Albohn (University of Chicago)

11:45 a.m.–12:45 p.m. Keynote presentation

Arvind Narayanan (Princeton University)

Lunch/Adjourn Boxed lunches available

Each contributed talk is assigned 45 minutes: 30 minutes for the presenter, 10 minutes for the discussant, and 5 minutes for discussion