MARYAM FARBOODI

MIT Sloan School of Management
100 Main Street, E62-627
Cambridge, MA 02142

Phone: 617-378-8586
Email: farboodi@mit.edu
sites.google.com/site/maryamfarboodi/

MAIN ACADEMIC APPOINTMENTS

MIT Sloan School of Management

Jon D. Gruber Career Development Associate Professor (without tenure)	2024-
Jon D. Gruber Career Development Assistant Professor	2019-2024
Assistant Professor	2018-2019

Bendheim Center for Finance, Princeton University

Assistant Professor	2015-2018
Pyewacket Foundation Postdoctoral Fellow	2014-2015

OTHER APPOINTMENTS

CEPR

Research Fellow	2024-
Research Affiliate	2019-2024

FinTech@Cornell Initiative

External Research Fellow	2023-

NBER

Research Fellow	2019-

EDUCATION

Ph.D., Joint Financial Economics, University of Chicago — 2009-2014
Booth School of Business and Department of Economics
M.Sc., Computer Science, University of Maryland at College Park
B.Sc., Computer Engineering, Sharif University of Technology

PUBLICATIONS

"Valuing Financial Data" (with D. Singal, L. Veldkamp & V. Venkateswaran, 2023), *Accepted, Review of Financial Studies* (Swiss Finance Institute Outstanding Paper Award 2022)

"Intermediation and Voluntary Exposure to Counterparty Risk", *Journal of Political Economy*, December 2023. 131(2) (Lead Article) (Best Finance Theory Paper Award & AQR Top Finance Graduate Award 2014; SCOR-PSE inaugural Young Researcher Award 2019)

"Cleansing by Tight Credit: Rational Cycles and Endogenous Lending Standards" (with P. Kondor), *Journal of Financial Economics*, October 2023, 150(1), 46-67

"Data and Markets" (with L. Veldkamp), *Annual Review of Economics*, August 2023, 15, 1–20

"The Emergence of Market Structure" (with G. Jarosch & R. Shimer), *Review of Economic Studies*, January 2023, 90(1), 261–292

"Heterogeneous Global Booms and Busts" (with P. Kondor), *American Economic Review*, July 2022, 112(7), 2178–2212

"Where Has All the Big Data Gone?" (with A. Matray, L. Veldkamp & V. Venkateswaran), *Review of Financial Studies*, 2022, 35(7): 3101–3138 (Lead article)

"Internal and External Effects of Social Distancing in a Pandemic" (with G. Jarosch & R. Shimer), *Journal of Economic Theory*, 2021, 196, 105293

"Long Run Growth of Financial Data Technology" (with L. Veldkamp), *American Economic Review*, August 2020, 110(8), 2485-2523

"Big Data and Firm Dynamics" (with R Mihet, T. Philippon & L. Veldkamp), *American Economic Review P&P*, May 2019, 109, 38-42

"Big Data in Finance and Growth of Large Firms" (with J. Begenau & L. Veldkamp), *Journal of Monetary Economics*, August 2018, 97, 71-87

Comments on "Network Reactions to Banking Regulation" (by Selman Erol & Guillermo Ordonez), *Journal of Monetary Economics*, August 2017, 89, 68-70

WORKING PAPERS

"A Model of the Data Economy" (with L. Veldkamp, 2024), *R&R, Review of Economic Studies*

"Equilibrium Spillover of Big Data" (with P. Kondor & P. Kurlat, 2024)

"Information and Market Power in DeFi Intermediation" (with P. Azar & A. Casillas, 2024)

"(Dis)information Wars" (with A. Casillas, L. Hashemi, M. Saeedi & S. Wilson, 2024)

"Intermediation as Rent Extraction" (with G. Jarosch, G. Menzio & U. Wirindiata, 2019)

"Normal Divergence: Information in the Shape of the Return Distribution" (with A. Jafarian, 2021)

WORK IN PROGRESS

"Price Discrimination: Who Benefits from the Data?" (with A. Shourideh & N. Haghpanah, 2024)

"Optimally Opaque Banks" (with A. Babus & Gabriela Stockler, 2024)

"Tell Me Your Type: Information Asymmetry and Credit Allocation Through Consorcios" (with B. Doornik, J. Skrastins & D. Schoenherr, 2021)

HONORS & AWARDS

Awards

Elaine Bennett Research Prize	2024
Sloan Fellowship	2024-2026
Swiss Finance Institute Outstanding Award	2022
SCOR-PSE inaugural Young Researcher Award	2019
Review of Economic Studies Tour, AQR Top Finance Graduate Award, Best Finance Theory Paper Award	2014
Best Second Year Paper Award, Department of Economics, UT Austin	2008

Grants

NBER Digitization Grant	2023
JFRAP Award MIT Sloan	2022
Goldman Sachs GMI Academic Fellowship	2016

Fellowships

John Leusner Fellowship	2014
Macro Financial Modeling Dissertation Fellowship, Stevanovich Fellowship	2013
Deutsche Bank Doctoral Fellowship	2012
Bradley Fellowship	2011
Sherwin Rosen Fellowship, Department of Economics, University of Chicago	2010
Bita Daryabari Scholarship, HAND Res earch Foundation	2009

PROFESSIONAL ACTIVITIES

Keynote Presentations

Keynote, Annual Society of Financial Econometrics (SoFiE) Meetings	2024
Keynote, WAMS+LAEF Conference, Asia School of Business with MIT Sloan	2023
Semi-plenary, Econometric Society North American Summer Meeting	2023
Keynote, CFA Society NY & SQA Annual Data Science in Finance Conference	2022

Summer Schools

"*The Big Data Revolution*":

- Digital Economics, FinTech, and AI Applications in Finance Advanced Courses in Economics, Foundation of Swiss National Bank — 2023
- Finance Theory Group Summer School — 2023
- MFR Summer Session, University of Chicago — 2022

"*Financial Networks and Intermediation: Network and Search Tools*":

- MFM Summer Session — 2017
- Princeton Initiative — 2015-2017

Seminar and Conference presentations

Harvard/MIT Financial Economic Workshop, Berkeley Haas finance, QED Frontiers of Macroeconomics Workshop, Alfred Sloan Foundation Summer School (University of Cambridge), ESSFM (Gerzensee), Bank of Canada, Workshop on Future of Monetary systems, Bank of Canada, West Coast Search and Matching Conference, Gartner Research Board, JOIM conference, Cornell Johnson finance, Cornell micro, SF Fed, Minnesota Carlson finance, UChicago macro, Chicago Booth finance, BIS, AI RPN Workshop (DEPR) (*including scheduled*) 2024

NBER SI Digitization,, NBER Political Economy, UT Austin macro, Duke Fuqua finance, 2023 Brookings CRM Authors' Conference on AI, Fifth Annual Women in Macro Conference, Microsoft Research New England, ESSET (Gerzensee), SAET, Workshop on the Future of AI and Economics (HBS), Minnesota Carlson finance, Yale macro 2023

Nobel Symposium: Covid-19 and the Economy, NBER SI Asset Pricing, Cornell finance, Washington University finance, Harvard macro, Berkeley macro, Stockholm School of Economics macro, UGA Terry College of Business, University of Massachusetts Amherst, STALR conference, IIES/SNS International Policy Talk, IIES Stockholm, Warwick, Queen Mary, SED, 2022 USC Macro Finance Conference, Seventh ECB Annual Research Conference, 16th Annual Cowles Conference on General Equilibrium, FARFE 2022 Conference, LSE Finance 2022

Minnesota macro seminar, SFI/Unil/EPFL finance, Rochester macro, ASU finance, Northwestern theory, Wisconsin Madison macro, UC Davis macro, Stoney Brooks economics, Yale SOM finance, CME Group-MSRI Prize Forum: Perils & Promises of Big Data, Harvard-MIT Financial Economic Workshop, University of Vienna, Goethe University macro, 2021 Harvard/MIT Financial Economics Workshop, 6th CCBS-MacCaLM Macro-Finance Workshop, Barcelona GSE conference, WFA, Pizzanomics conference, SED, Minnesota Macro conference, EFA, Advancing Macro Finance workshop (BFI-Chicago), UC Irvine macro, NBER EFG, Q Group conference, Stanford GSB finance, UChicago macro, ESSEC finance, CREI-UPF macro, NYU macro, INSEAD, Edinburgh 2021

Chicago Booth finance, Columbia GSB finance, 2020 Harvard/MIT Financial Economics Workshop (canceled due to COVID), Finance in the Clouds, IMF, NBER MEMF group summer school, NBER IFM group summer school, CEPR WE_ARE seminar, Fed Board, Women in Macroeconomics Conference, Richmond Fed, Bocconi, Minnesota Corporate Finance Conference, Wharton, Tilburg, University of Washington Foster Business School,Harvard/MIT Financial Economic Workshop 2020

NBER EFG (Chicago) 2019

NBER summer school, AEA, Jackson Hole Finance Group Conference, RBA Workshop in Sydney, STLAR Conferences (St Louis Fed), BU Economics, Northwestern Economics, Cleveland Fed, Harvard/MIT Financial Economics Workshop 2018

NBER summer school, NYU Stern, Texas Finance Festival, 13th Cowles General Equilibrium Conference, MIT Economics, Stanford GSB Finance, Stanford GSB Economics, Stanford Conference in Honor of Bengt Holmstrom, EIEF, FTG Summer Conference London, Gerzensee, Penn State Economics, MIT Sloan, New York FED, UCLA Economics, UCLA Anderson, Kellogg, University of Chicago Economics, Duke Fuqua, Money, Banking & Asset Markets Conference (Wisconsin Madison), Five Star (NYU) 2017

AEA, SED, Minneapolis Fed, UPenn, Rome junior conference, Gerzensee, WISE (Caltech), EPFL, LSE, LBS, IESE, BU, Yale Junior Conference, MIT Sloan Junior Conference, McGill, Michigan Ross 2016

SED, WFA, 11th World Congress of the Econometric Society (Montreal), Yale Economics, NYU Economics, Banque de France, Bank of Portugal, Barcelona GSE, Third European Meeting on

Networks (Cambridge), Jackson Hole Finance Group Conference, Symposium on Liquidity Risk and Capital Requirements (Georgia State), Boston Fed, Cleveland Fed 2015

SED, SoFiE (Banque de France), Interconnectedness: Building bridges between research and policy (IMF), Systemic Risk: Models and Mechanisms (Cambridge University), Oxfit (Oxford University), Economic Networks Conference (LSE), Cornell Johnson Corporate Finance Conference, Harvard, Harvard Business School, MIT Sloan, Stanford, Berkeley, Northwestern, Wharton, NYU, NYU Stern, Columbia Business School, UCLA, CEU, Toulouse 2014

Networks in Macro and Finance Conference (UChicago), Financial and Economic Networks Conference (UWisconsin), Macro Financial Modeling Conference (MIT), Financial Markets and Contracts Grad Student Conference (UChicago) 2013

Algorithmic Economics Summer School (CMU) 2012

Organization

Co-organizer:

- Workshop on Data and Privacy, Stony Brook game theory summer festival, Asian Bureau of Finance and Economic Research 12th Annual Conference (*scheduled*) 2025
- Yiran Fan Memorial Conference, University of Chicago 2023
- ABFR (AI & Big Data in Finance Research) Forum 2021-
- Virtual Finance Workshop 2020-2021
- 15th Finance Theory Group Meeting 2016

Session Organizer: Midwest Finance Association 2025, AFA 2023, SED 2022

Program Committee: Econometric Society World Congress 2025; Midwest Finance Association 2025; OFR Rising Scholar Conference on the Future of Financial Stability 2023, 2024; FutFinInfo 2023, 2024; Columbia & RFS AI in Finance Conference 2024; SFS Cavalcades 2020, 2021; FIRS 2018, 2021; GSU/RFS FinTech Conference 2020; International Conference on Finance & Technology (ICFT) 2022

Board Member: Covid Economics: Vetted and Real-Time Papers 2020-2021

Referee

Econometrica, AER, JPE, QJE, ReStud, JF, JFE, RFS, PNAS, JET, TE, JEL, EJ, IER, Operations Research, Management Science, Science, NSF, European Commission Grant

Discussant

Nber Summer School, NBER Financial Market Regulation, Nber CEME, Women in Macro Conference, Duke/UNC Asset Pricing Conference, 36th Mitsui Finance Symposium: New Frontiers in Asset Pricing, Banking workshop - IESE Barcelona, Red Rock Finance Conference, Barecelona GSE, Conference in Honor of Bengt Holmstrom (Stanford), Regulating Financial Markets Conference (Bundesbank), Carnegie Rochester NYU conference, WFA, Wharton Conference on Liquidity and Financial Crisis, SFS Cavalcades, Stanford GSB junior conference, LSE 4^{th} Network Conference