

MARTIN BERAJA

Pentti J. K. Kouri Career Development Associate Professor of Economics, MIT
Faculty Research Fellow, NBER (EF&G and Monetary Economics)

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DEPARTMENT: Economics

VERSION: March 2024

DATE OF BIRTH: August 10th, 1984

CITIZENSHIP: Argentinean

EDUCATION

<u>Date</u>	<u>Degree</u>	<u>Institution</u>
2016	Ph.D., Economics	University of Chicago
2010	M.A., Economics	Universidad Torcuato Di Tella
2008	B.A., Economics	Universidad Torcuato Di Tella

TITLE OF DOCTORAL THESIS: "Essays in Macroeconomics"

Advisors: Fernando Alvarez, Erik Hurst, Veronica Guerrieri

AWARDS, GRANTS AND FELLOWSHIPS

Awards

2023	National Science Foundation CAREER Award
2016	Review of Economics Studies Tour
2008	Universidad Torcuato Di Tella, Highest GPA Award in Economics
2008	Universidad Torcuato Di Tella, Best Undergraduate Thesis

Grants

2023	MIT Schwarzman College of Computing: AI for Augmentation and Productivity
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Fellowships

2015 - 2016	University of Chicago, Department of Economics Dissertation Fellowship
2010 - 2015	University of Chicago, Marshall Field Fellowship in Economics

PROFESSIONAL EXPERIENCE

Academic Positions

- 2023 - Pentti J. K. Kouri Career Development Associate Professor of Economics, MIT
- 2010 - Faculty Research Fellow, NBER (Monetary Economics)
- 2018 - 2023 Pentti J. K. Kouri Career Development Assistant Professor of Economics, MIT
- 2017 - 2018 Assistant Professor of Economics, MIT
- 2017 - Faculty Research Fellow, NBER (EF&G)
- 2016 - 2017 Postdoctoral Research Associate, Simpson Center and Dept. of Economics at Princeton

PUBLISHED MATERIALS (or Forthcoming)

Articles in Refereed Journals

- 2024 “Fast and Slow Technological Transitions”
with Rodrigo Adão and Nitya Pandalai-Nayar
Journal of Political Economy: Macroeconomics, Accepted, <https://doi.org/10.1086/730223>
- 2023 “Inefficient Automation”
with Nathan Zorzi
Review of Economic Studies, Accepted, <https://doi.org/10.1093/restud/rdae019>
- 2023 “AI-tocracy”
with Andrew Kao, David Y. Yang and Noam Yuchtman
The Quarterly Journal of Economics (editor's choice), Volume 138, Issue 3, August 2023, Pages 1349-1402, <https://doi.org/10.1093/qje/qjad012>
- 2023 “Data-intensive Innovation and the State: Evidence from AI Firms in China”
with David Y. Yang and Noam Yuchtman
Review of Economic Studies, Volume 90, Issue 4, July 2023, Pages 1701–1723,
<https://doi.org/10.1093/restud/rdac056>
- 2023 “A Semi-structural Methodology for Policy Counterfactuals”
Journal of Political Economy, Volume 131, Number 1, January 2023, Pages 190–201,
<https://doi.org/10.1086/720982>
- 2019 “The Aggregate Implications of Regional Business Cycles”
with Erik Hurst and Juan Ospina
Econometrica (lead article), Volume 87, Issue 6, November 2019, Pages 1789-1833,
<https://doi.org/10.3982/ECTA14243>
- 2019 “Regional Heterogeneity and the Refinancing Channel of Monetary Policy”
with Andreas Fuster, Erik Hurst, and Joseph Vavra
The Quarterly Journal of Economics, Volume 134, Issue 1, February 2019, Pages 109–183,
<https://doi.org/10.1093/qje/qjy021>
- 2019 “From Hyperinflation to Stable Prices: Argentina’s Evidence on Menu Cost Models”

with Fernando Alvarez, Martin Gonzalez-Rozada, and Andy Neumeyer
The Quarterly Journal of Economics, Volume 134, Issue 1, February 2019, Pages 451–505,
<https://doi.org/10.1093/qje/qjy022>

UNPUBLISHED MATERIALS

Work in Progress

- 2023 “Exporting Surveillance via Trade in AI”
with Andrew Kao, David Y. Yang and Noam Yuchtman
- 2023 “Durables and Size-Dependence in the Marginal Propensity to Spend”
with Nathan Zorzi
- 2023 “The Life-Cycle of Concentrated Industries”
with Francisco Buera
- 2022 “Demand Composition and the Strength of Recoveries”
with Christian K. Wolf
Review of Economic Studies, Revise and Resubmit

PROFESSIONAL ORGANIZATIONS AND SERVICE

Editorial

2023 - present Associate editor at the Journal of the European Economic Association

NBER AI and Digitization Annual Graduate Student Tutorial

2023 - present Co-organizer and lecturer

Refereeing

Econometrica, Quarterly Journal of Economics, American Economic Review, Journal of Political Economy, Review of Economic Studies, AEJ: Macroeconomics, Journal of the European Economic Association, Review of Economics and Statistics, Journal of Economic Theory, Journal of Monetary Economics

MIT ACTIVITIES AND COMMITTEES

Departmental and School Activities and Committees

- 2017 - 2023 Instructor for 14.02: Principles of Macroeconomics
- 2017 - 2023 Instructor for 14.461: Advanced Macroeconomics
- 2022 - 2023 Instructor for 14.33: Research and Communication in Economics
- 2018 - 2023 Committee for Admissions into the PhD program in Economics

LIST OF Ph.D THESES SUPERVISED

Arthur Wickard (TBD), Marc de la Barrera (TBD), Isabel Di Tella (TBD), Alex Carrasco Martinez (TBD),
Andrea Manera (2022), Michele Fornino (2021)

SEMINARS, COLLOQUIA, CONFERENCES

- 2023 UPenn, UChicago, Northwestern, Minneapolis Fed, LBS, MIT Alumni Conference, KU Leuven Summer, AEA meetings, NBER SI, UTDT, IZA/Kiel/Hertie AI conference, Carnegie Mellon, Berkeley, Harvard Business School
- 2022 NYU, Brown, Rochester, Toulouse, UTDT, NBER SI, NBER Fall - EF&G meeting, NBER Toronto AI conference, NBER Economics of Privacy conference, Brookings AI conference, SED, Barcelona GSE Forum (EGF), Stanford's SITE conference
- 2021 Yale, Harvard, Tufts, HBS, Peking University, IMF, NY Fed, Chicago Fed, Richmond Fed, Atlanta Fed, Bank of Chile, Bank of Portugal, Bank of England, Norges Bank, Barcelona GSE Forum (EGF), SED, NBER SI, NBER ME Winter
- 2020 Stanford, Boston College, Sciences Po, NBER SI - Income Distribution and Macro, STEG firm workshop, Virtual Macroeconomics Seminar, NBER Toronto AI conference, Junior Virtual Macro Conference
- 2019 UCLA, Northwestern, USC, IES-Stockholm, Minneapolis Fed, NBER SI - Micro data for Macro models, NBER Fall - EF&G meeting, Norges Bank, Central Bank of Argentina, Workshop at Reserve Bank of Australia
- 2018 MIT, Berkeley, BU, LSE, UofT-Austin, ECB, NBER SI - Income Distribution and Macro, Duke Macro Jamboree, 30 year REStud Reunion, St. Louis Macroeconomics of Inequality Conference, 7th Annual UTDT Economics Conference, Central Bank of Argentina
- 2017 Cornell, Northwestern, Brown, Federal Reserve Board, Federal Reserve Bank of Atlanta, SED, 6th Rome Workshop on Macroeconomics, NBER SI - Dynamic Equilibrium Models, St. Louis Advance in Research (STLAR) Conference
- 2016 MIT, Harvard, Yale, UCLA, Wharton, GWU, Stanford, Princeton, Michigan, NYU, UCL, Humboldt University Berlin, European University Institute
- 2015 Minnesota Workshop in Macroeconomic Theory, NBER SI - EF&G Meeting, Cowles' New Perspectives in Macroeconomics, Development and Int'l Trade, Minneapolis Fed Junior Scholar Conference, Federal Reserve Bank of Chicago
- 2011 Minnesota Workshop in Macroeconomic Theory

SELECTED LECTURES

- 2024 American Economics Association (AEA) Continuing Education Program
- 2023 Keynote at "AI and the Economy" conference, organized by IZA and Kiel
- 2023 MIT Burchard Scholars Dinner