

Luciano Pomatto

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Employment

Professor of Economics, California Institute of Technology	2022–today
Assistant Professor of Economics, California Institute of Technology	2016–2022
Postdoctoral Associate, Cowles Foundation, Yale University	2015–2016

Education

Ph.D. in Managerial Economics & Strategy, Kellogg School of Management	2015
M.A. in Economics, Collegio Carlo Alberto and Università di Torino	2009
B.A. in Economics, Università di Torino	2007

Professional Service

Caltech service: Executive officer of Social Sciences (since 2025).

Editorial work: Associate editor for the *Journal of Political Economy* (since 2025), the *Journal of Economic Theory* (since 2024), and the *Journal of Mathematical Economics* (since 2023).

Referee for *AEJ: Microeconomics*, *American Economics Review*, *American Economic Review: Insights*, *British Journal of Philosophy of Science*, *Econometrica*, *European Journal of Operational Research*, *Games and Economic Behavior*, *International Economic Review*, *International Journal of Game Theory*, *Journal of Econometrics*, *Journal of Economic Behavior and Organization*, *Journal of Economic Theory*, *Journal of Mathematical Economics*, *Journal of Public Economic Theory*, *Journal of Philosophical Logic*, *Mathematics of Operations Research*, *Noûs*, *Review of Economic Studies*, *Theoretical Economics*.

Reviewer for the *National Science Foundation* and *Oxford University Press*.

Program Committee member (2019–2022) and **Area Chair** (2023) of the *ACM Conference on Economics and Computation*.

Publications

1. “Monotone Additive Statistics” (with Xiaosheng Mu, Philipp Strack, and Omer Tamuz)
Econometrica, 2024, 92(4), 995-1031.
2. “Background Risk and Small-Stakes Risk Aversion” (with Xiaosheng Mu, Philipp Strack, and Omer Tamuz)
American Economic Review: Insights, 2024, 6.2, 262-276.
3. “The Cost of Information: the Cost of Constant Marginal Costs” (with Philipp Strack and Omer Tamuz)
American Economic Review, 2023, 113(5), 1360-1393.
4. “Stable Matching under Forward-Induction Reasoning”
Theoretical Economics, 2022, 17(4), 1619–1649.
5. “Twofold Multiprior Preferences and Failures of Contingent Reasoning” (with Federico Echenique, Masaki Miyashita, Yuta Nakamura, and Jamie Vinson)
Journal of Economic Theory, 2022, 202, 105448.
6. “Model and Predictive Uncertainty: A Foundation for Smooth Ambiguity Preferences” (with Tommaso Denti)
Econometrica, 2022, 90.2, 551-584.
7. “From Blackwell Dominance in Large Samples to Rényi Divergences and Back Again” (with Xiaosheng Mu, Philipp Strack, and Omer Tamuz)
Econometrica, 2021, 89, 475-506.
8. “Testable Forecasts”
Theoretical Economics, 2020, 16(1), 129-160.
9. “Aggregate Risk and the Pareto Principle” (with Nabil Al-Najjar)
Journal of Economic Theory, 2020, 189, 105084.
10. “Stochastic Dominance under Independent Noise” (with Philipp Strack and Omer Tamuz)
Journal of Political Economy, 2020, 28(5), 1877-1900.
11. “An Abstract Law of Large Numbers” (with Nabil Al-Najjar)
Sankhya, Series, A, 2020, 82(1), 1-12.
12. “An Axiomatic Theory of Inductive Inference” (with Alvaro Sandroni)
Philosophy of Science, 2018, 85(2), 293-315.
13. “Choice under Aggregate Uncertainty” (with Nabil Al-Najjar)
Theory and Decision, 2016, 80(2), 187-209.
14. “Claim Validation” (with Nabil Al-Najjar and Alvaro Sandroni)
American Economic Review, 2014, 104(11), 3725-36.

15. “Merging and Testing Opinions” (with Nabil Al-Najjar and Alvaro Sandroni)
Annals of Statistics, 2014, 42(3), 1003-1028.

Working papers:

- “Modeling information acquisition via duality and f-divergences” (with Alex Bloedel and Tommaso Denti)
- “On the events satisfying the sure-thing principle” (with Tommaso Denti)
- “Statistical decision theory under partial identification” (with Tommaso Denti)

Invited Seminars

Berkeley, Bergamo, Bilkent, Bocconi, Caltech (Computing and Mathematical Sciences), Columbia, Cornell, Harvard-MIT, John Hopkins University, Michigan, Minnesota, National University of Singapore, New York University, Northwestern, Olin Business School, Pennsylvania State University, Pompeu Fabra, Princeton, Rice, Stanford, Texas Austin, Toronto, UC Riverside, UCSB, University of Chicago, University of Nevada, University of North Carolina at Chapel Hill, University of Pennsylvania, University of San Diego, University of Southern California, University of Wisconsin-Madison, Warwick, Yale.

Teaching Experience

Undergraduate: algorithmic game theory, matching, game theory.

Graduate: game theory, general equilibrium, dynamic optimization.

Advising

Undergraduate: Jamie Vinson (2021, advisor).

Graduate: Vadim Martynov (committee member), Saba Devdariani (committee member), Kate Huang (committee member), Aldo Lucia (committee member), Fan Wu (committee member), Peter Doe (advisor), Pham Nghia Tran (advisor).