

Luciano Pomatto

California Institute of Technology, Division of the Humanities and Social Sciences
1200 East California Boulevard, Pasadena, California, 91125.

Email: luciano@caltech.edu

Homepage: <http://www.its.caltech.edu/~lpomatto/>

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

Working Papers

- “Monotone Additive Statistics” (with Xiaosheng Mu, Philipp Strack, and Omer Tamuz)
Revise and resubmit at *Econometrica*.
- “Background Risk and Small-Stakes Risk Aversion” (with Xiaosheng Mu, Philipp Strack, and Omer Tamuz)
- “The Cost of Information” (with Philipp Strack and Omer Tamuz)
Revise and resubmit at *American Economic Review*.

Publications

- “Twofold Multiprior Preferences and Failures of Contingent Reasoning” (with Federico Echenique, Masaki Miyashita, Yuta Nakamura, and Jamie Vinson)
Journal of Economic Theory, forthcoming.
- “Stable Matching under Forward-Induction Reasoning”
Theoretical Economics, forthcoming.
- “Model and Predictive Uncertainty: A Foundation for Smooth Ambiguity Preferences” (with Tommaso Denti)
Econometrica, 2022, 90.2, 551-584.

- “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.
- “Testable Forecasts”
Theoretical Economics, 2020, 16(1), 129-160.
- “Aggregate Risk and the Pareto Principle” (with Nabil Al-Najjar)
Journal of Economic Theory, 2020, 189, 105084.
- “Stochastic Dominance under Independent Noise” (with Philipp Strack and Omer Tamuz)
Journal of Political Economy, 2020, 28(5), 1877-1900.
- “An Abstract Law of Large Numbers” (with Nabil Al-Najjar)
Sankhya, Series, A, 2020, 82(1), 1-12.
- “An Axiomatic Theory of Inductive Inference” (with Alvaro Sandroni)
Philosophy of Science, 2018, 85(2), 293-315.
- “Choice under Aggregate Uncertainty” (with Nabil Al-Najjar)
Theory and Decision, 2016, 80(2), 187-209.
- “Claim Validation” (with Nabil Al-Najjar and Alvaro Sandroni)
American Economic Review, 2014, 104(11), 3725-36.
- “Merging and Testing Opinions” (with Nabil Al-Najjar and Alvaro Sandroni)
Annals of Statistics, 2014, 42(3), 1003-1028.

Work in Progress

- “Laws of Large Numbers for Stochastic Orders” (with X. Mu, P. Strack, and O. Tamuz)
- “Statistical Decision Theory under Partial Identification” (with T. Denti)

Professional Service

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

Reviewer for the National Science Foundation and Oxford University Press.

Program Committee member of the ACM Conference on Economics and Computation (2019-2021), and the SAET conference (2019).

Organizer of the 2017 Social and Information Sciences Laboratory summer conference.

Presentations

2022: Harvard-MIT theory seminar, University of Pennsylvania, Stanford.

2021: D-TEA, RUD, SAET, conference on the Mathematics of Subjective Probability, Bilkent, Michigan, Rice, Toronto, Australasian Microeconomic Theory Seminar, UCSB, Bergamo.

2020: Columbia, Princeton, Warwick.

2019: ASSA, SAET, Bocconi, Northwestern, University of Nevada, UC Riverside.

2018: Foundations of Utility and Risk, WISE, conference on the Mathematics of Subjective Probability, NSF/NBER/CEME Mathematical Economics Conference.

2017: National University of Singapore, Toronto, Caltech (Computing and Mathematical Sciences), Pennsylvania State University, Cornell, University of San Diego, University of Southern California, University of Chicago, RUD Conference.

2016: Stanford, University of Wisconsin-Madison, NEGTEC, Game Theory World Congress.

2015: Berkeley, Bocconi, Caltech, Minnesota, New York University, Olin Business School, Princeton, Texas Austin, University of Pennsylvania, Yale, SAET Conference.

2013: Workshop on Stochastic Methods in Game Theory, SAET Conference, Paris Game Theory Seminar.

2012: Transatlantic Theory Workshop, North American Summer Meeting of the Econometric Society, Canadian Economic Theory Conference.

Teaching Experience

Graduate: Analytical Foundations of Social Sciences, Advanced Microeconomic Theory.

Undergraduate: Algorithmic Game Theory, Matching Markets.

Advisor

Undergraduate: Jamie Vinson (2021, advisor).

Graduate: Vadim Martynov (2020, thesis committee member), Saba Devdariani (2021, thesis committee member).