

CONTACT INFORMATION	1600 Amphitheatre Parkway Mountain View, CA 94043	Homepage: martinobanchio.github.io ✉ E-mail: mbanchio@google.com
CURRENT POSITION	Research Scientist , Google Research – Mountain View, USA	2023 –
EDUCATION	Ph.D. Economics , Stanford Graduate School of Business, USA	2018 – 2023
	M.A. Economics , Collegio Carlo Alberto, Italy.	2014 – 2018
	M.Sc. Mathematics , Università di Torino, Italy.	2016 – 2018
	B.Sc. Mathematics , Università di Torino, Italy.	2013 – 2016
WORKING PAPERS	Search and Rediscovery , with S. Malladi.	March 2024
	Auctions with Dynamic Scoring , with A. Mehta and A. Perlröth.	March 2024
	Artificial Intelligence and Spontaneous Collusion , with G. Mantegazza. R&R, <i>American Economic Review</i>	October 2022
	Artificial Intelligence and Auction Design , with A. Skrzypacz.	February 2022
	Dynamic Pricing with Limited Commitment , with F. Yang.	February 2021
	Targeting in Tournaments with Dynamic Incentives , with E. Munro. ◦ First Prize, Research Paper Competition MIT Sloan Sports Analytics Conference 2020	January 2020
PUBLISHED CONFERENCE PROCEEDINGS	Search and Rediscovery , (with S. Malladi). Extended abstract forthcoming in <i>Proceedings of the 25th ACM Conference on Economics and Computation (EC '24)</i>	July 2024
	Artificial Intelligence and Collusion via Coupling , (with G. Mantegazza). <i>Proceedings of the 24th ACM Conference on Economics and Computation (EC '23)</i> , page 208 (extended abstract)	July 2023
	Artificial Intelligence and Auction Design , (with A. Skrzypacz) <i>Proceedings of the 23rd ACM Conference on Economics and Computation (EC '22)</i> , pages 30–31 (extended abstract) ◦ Recipient of the <i>Exemplary AI Track Paper Award</i> .	July 2022
OTHER PUBLICATIONS	Market Design for AI Algorithms , with A. Skrzypacz. ACM SIGecom Exchanges 20(2), pp. 62-68, 2022	
WORK AND TEACHING EXPERIENCE	<ul style="list-style-type: none"> • Market Design, Economist intern at CaaStle, Inc. 2022 • CA for “Smart Pricing and Market Design” 2021, 2022 • Research Assistant for A. Skrzypacz and M. Ostrovsky 2020 – 2022 • Research Assistant for E. Luciano 2017, 2018 • TA for “Geometry 2”: Topology, homotopy and projective geometry 2016, 2017 • TA for “Basic Programming”: Foundations of C++ 2015 	
AWARDS AND SCHOLARSHIPS	<ul style="list-style-type: none"> • Honorable Mention, ACM SIGecom Doctoral Dissertation Award 2024 • Exemplary AI Track Paper Award at EC'22 2022 • Stanford HAI Graduate Fellow. 2022 • First Prize, Research Paper Competition at the MIT Sloan SAC 2020 • Prize “Luigi Bobbio” for best Allievi Master Thesis. 2018 • Scholarship “Erasmus Traineeship” at Institut de Mathématiques de Toulouse. 2018 	

INVITED TALKS	Washington University in St. Louis, University of Chicago, Colby College, Kellogg Theory Brown Bag Lunch Seminar, Northwestern CS Theory Seminar Econometric Society Winter Meeting, Kellogg MEDS, IESE, Microsoft Research, UPenn, Boston University, Bocconi, TSE SAET Conference, Harvard University (EconCS seminar), Google Research Collegio Carlo Alberto	2024 2023 2022 2020
CONFERENCES	NBER Industrial Organization, Marketplace Innovation Workshop, LUISS Workshop on AI and Economics, Consumer Search and Switching Costs Workshop, ESSET 2024, ACM EC'24, SITE Workshop NBER New Directions in Market Design, MAD Conference, ACM EC '23, NBER Market Design Workshop, Berkeley/Columbia/Duke/MIT/Northwestern IO Theory Conference International IO Conference, ACM EC '22, SITE Workshop, NBER Economics of AI 11th EIEF-UNIBO-IGIER Workshop on Industrial Organization EEA Congress Warwick Economics PhD Conference	2024 2023 2022 2021 2020
PROFESSIONAL SERVICE	<i>Refereeing:</i> American Economic Review, Review of Economic Studies, Journal of Political Economy, American Economic Review: Insights, RAND Journal of Economics, Economic Letters, Economic Journal, EC'23, EC'24 <i>Conference Organization:</i> Future of AI and Economics Workshop, Program Committee Member for EC'24	
LANGUAGES AND SKILLS	Italian (native), English (proficient), French (advanced) \LaTeX , Julia, Python, C++	
REFERENCES	Andrzej Skrzypacz (Primary advisor) Theodore J. Kreps Professor of Economics Stanford Graduate School of Business 655 Knight Way, Stanford, CA, 94305 skrz@stanford.edu David M. Kreps The Adams Distinguished Professor of Management, Emeritus Stanford Graduate School of Business 655 Knight Way, Stanford, CA, 94305 kreps@stanford.edu	Michael Ostrovsky Fred H. Merrill Professor of Economics Stanford Graduate School of Business 655 Knight Way, Stanford, CA, 94305 ostrovsky@stanford.edu