

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 , <i>with S. Malladi</i> .	March 2024
	Auctions with Dynamic Scoring , <i>with A. Mehta and A. Perbroth</i> .	March 2024
	Artificial Intelligence and Spontaneous Collusion , <i>with G. Mantegazza</i> . ◦ Extended Abstract in EC'23.	October 2022
	Artificial Intelligence and Auction Design , <i>with A. Skrzypacz</i> . ◦ Extended Abstract in EC'22. Recipient of the <i>Exemplary AI Track Paper Award</i> .	February 2022
	Dynamic Pricing with Limited Commitment , <i>with F. Yang</i> .	February 2021
	Targeting in Tournaments with Dynamic Incentives , <i>with E. Munro</i> . ◦ First Prize, Research Paper Competition MIT Sloan Sports Analytics Conference 2020	January 2020
OTHER PUBLICATIONS	Market Design for AI Algorithms , <i>with A. Skrzypacz</i> . 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"> • 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 • Scholarship for summer school on Modular Forms at University of Padua. 2017 • Scholarship for summer school on Applied Bayesian Statistic in Como. 2017 • Scholarship “Fondazione CRT” for a three-month study exchange in Surgut, Russia. 2011 	
INVITED TALKS	Washington University in St. Louis, University of Chicago, Colby College, Kellogg Brown Bag Lunch Seminar, LUISS Workshop on AI and Economics, 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, ESSET 2024	2024
	NBER New Directions in Market Design, MAD Conference, ACM EC '23, NBER Market Design Workshop, Berkeley/Columbia/Duke/MIT/Northwestern IO Theory Conference	2023
	International IO Conference, ACM EC '22, SITE Workshop, NBER Economics of AI 11th EIEF-UNIBO-IGIER Workshop on Industrial Organization	2022
	EEA Congress	2021
	Warwick Economics PhD Conference	2020

PROFESSIONAL SERVICE *Refereeing:* 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
Conference Organization: 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	Michael Ostrovsky Fred H. Merrill Professor of Economics Stanford Graduate School of Business 655 Knight Way, Stanford, CA, 94305 ostrovsky@stanford.edu
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