

# Francisco Poggi

Last updated 4<sup>th</sup> November, 2020

**Economics** 

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Contact Information	Department of Economics Northwestern University 2211 Campus Drive Evanston, IL 60208		Mobile: 872-225-0327 fpoggi@u.northwestern.edu www.sites.northwestern.edu/fpz773 Citizenship: Argentina and Italy			
Fields	Research: Microeconomic Theory, Innovation, Law and Economics Teaching: Microeconomics, Statistics.					
Education	Ph.D., Economics, Northwestern University Dissertation: Essays on Learning and Markets. Committee: Jeffrey Ely (Chair), Bruno Strulovici, Wojciech Olszewski M.A., Economics, Universidad de San Andrés B.A., Economics, Universidad de San Andrés					2013 2012
Fellowships & Awards	Dissertation University Fellowship, Northwestern University Young Researcher Award, Argentine Association of Economists Merit Scolarship, Universidad de San Andrés Mathematical Olympiad Scholarship, Universidad de San Andrés				2020-2021 2014 2013 2009-2011	
Teaching Experience	Teaching Assistant, Northwestern University Microeconomics (graduate) Behavioral Economics (undergraduate) Intermediate Microeconomics (undergraduate)				2016-2019	
	Teaching Assistant, Kellogg School of Management Decision Making and Modeling (MBA) Analytical Approach to Uncertainty (EMBA) Statistical Decision Analysis (EMBA) Biases, Forecast, and Deep Uncertainty (EMBA)					2018-2020
	Teaching Assistant, Universidad de San Andrés Advanced Microeconomics (Graduate) Intermediate Microeconomics (undergraduate)				2013-2015	
	Lecturer, Universidad de Buenos Aires Economics and Public Finance (Graduate, Law School)				2013-2015	
Research Experience	Research Assistant, Jeffrey Research Assistant, Bruno	earch Assistant, Eddie Dekel, Northwestern University earch Assistant, Jeffrey Ely, Northwestern University earch Assistant, Bruno Strulovici, Northwestern University earch Assistant, Federico Weinschelbaum, Universidad de San Andrés				2020 2019 2019 2013-2014
Refereeing	American Economic Revi	ew, Journal of Econo	mic B	ehavior & Or	ganization	

#### Job Market Paper

### "The timing of complementary innovations"

Abstract: Socially-valuable technologies sometimes require complementary innovations. This paper studies the development of innovations that exhibit such complementarity. At each point in time, resources are allocated across different innovation projects. The projects are completed stochastically in the form of breakthroughs and the social value of the technology depends on the set of completed projects by the time development ends. In some cases it is optimal to develop the innovations in sequence. In others, it is optimal to develop multiple innovations simultaneously. I provide conditions that determine the efficient timing of development: sequential development is efficient when development costs are high and there is high uncertainty about the innovations' rate of success. I compare the efficient timing of development to the equilibrium outcome with a decentralized industry in which many firms compete on the development of the innovations.

# Other papers

## "Market-based mechanisms" with Quitzé Valenzuela-Stookey

Brief abstract: Decision makers frequently condition their actions on economic outcomes, e.g. asset prices, that they believe convey information about an unknown state. However the decision maker's action, or expectations thereof, may also influence the outcome. In this paper we study the general problem of choosing decision rules mapping outcomes to actions in the presence of such feedback effects. We characterize the set of joint distributions of outcomes, actions, and states that can be implemented as the unique equilibrium by decision rules which satisfy a minimal notion of robustness to manipulation. Moreover, we show that all such equilibria are robust to model misspecification. This characterization of the feasible set greatly simplifies the problem of choosing decision rules. A simple graphical technique allows us to identify qualitative features of optimal policies. We illustrate the power of this approach with an application to corporate bailouts. The results are also useful for characterizing optimal decision rules when the requirement of unique implementation is relaxed.

## Work in Progress

"Tariff Mechanisms" with Bruno Strulovici

"Liability Design with Information Acquisition" with Bruno Strulovici

"Delayed Disclosure" with Ludvig Sinander

"Optimal Publication Bias"

#### Languages

English (fluent), Spanish (native), Italian (basic)

### References

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