Francisco Poggi

Last updated 27th November, 2020

Northwestern Economics

Placement Director:	Professor Alessandro Pavan	847-491-8266	alepavan@northwestern.edu
Placement Administrator:	Alison Stoute	847-491-5694	econjobmarket@northwestern.edu

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 — (anticipated) 2021
Dissertation: Essays on Learning and Markets.
Committee: Jeffrey Ely (Chair), Bruno Strulovici, Wojciech Olszewski

M.A., Economics, Universidad de San Andrés — 2013

B.A., Economics, Universidad de San Andrés — 2012

Fellowships & Awards

Dissertation University Fellowship, Northwestern University — 2020–2021
Young Researcher Award, Argentine Association of Economists — 2014
Merit Scolarship, Universidad de San Andrés — 2013
Mathematical Olympiad Scholarship, Universidad de San Andrés — 2009-2011

Teaching Experience

Teaching Assistant, Northwestern University — 2016-2019
Microeconomics (Graduate)
Behavioral Economics (Undergraduate)
Intermediate Microeconomics (Undergraduate)

Teaching Assistant, Kellogg School of Management — 2018-2020
Decision Making and Modeling (MBA)
Analytical Approach to Uncertainty (EMBA)
Statistical Decision Analysis (EMBA)
Biases, Forecast, and Deep Uncertainty (EMBA)

Teaching Assistant, Universidad de San Andrés — 2013-2015
Advanced Microeconomics (Graduate)
Intermediate Microeconomics (Undergraduate)

Lecturer, Universidad de Buenos Aires — 2013-2015
Economics and Public Finance (Graduate, Law School)

Research Experience

Research Assistant, Eddie Dekel, Northwestern University — 2020
Research Assistant, Jeffrey Ely, Northwestern University — 2019
Research Assistant, Bruno Strulovici, Northwestern University — 2019
Research Assistant, Federico Weinschelbaum, Universidad de San Andrés — 2013-2014

Refereeing

American Economic Review, Journal of Economic Behavior & Organization

Job Market Paper

"The Timing of Complementary Innovations"

Abstract: This paper studies the development of socially-valuable technologies that require complementary innovations. At each point in time, resources are allocated to innovation projects that are completed stochastically in the form of breakthroughs. The social value of the technology depends on the set of projects that was completed by an endogenous stopping time. I solve the problem of efficient dynamic allocation of resources by showing that, for complements, this problem is equivalent to an auxiliary static problem. In some cases, the solution involves developing the innovations in sequence. In others, it is optimal to develop multiple innovations simultaneously. I provide a simple condition that determines the efficient timing of development. Then, I compare the solution to a decentralized allocation that is the equilibrium outcome when a continuum of firms that race to innovate. The decentralized allocation is efficient when the projects are symmetric or the stakes are sufficiently high, provided that the innovators are rewarded for the full *potential* of their innovations.

Other papers

"Liability Design with Information Acquisition" with Bruno Strulovici

Brief abstract: A firm acquires evidence about the riskiness of a product before launching it to the market. The designer observes the likelihood ratio of the evidence acquired by the firm and decides how much to make the firm liable for damages. We study the design of optimal liability rules when the firm has private information, the regulator can penalize the firm only when damage occurs, and the liability is capped. We show that any incentive compatible liability mechanism can be implemented by a *tariff*, i.e. a transfer that only depends on the information acquired, not on any report made by the firm. We provide conditions under which is efficient to use a tariff that is not decreasing in the likelihood ratio.

"Market-Based Mechanisms" with Quitzé Valenzuela-Stookey

Brief abstract: Decision makers frequently condition their actions on economic outcomes that they believe convey information about an unknown state. However the decision maker's action, or expectations thereof, may also influence the outcome. 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.

"A Taxation Principle with Non-Contractible Events" with Bruno Strulovici

Brief abstract: In some settings it is not possible to contract with an agent ex ante. We study a principal-agent model with private information and moral hazard in which the intervention of the principal is only triggered by certain outcomes. We introduce a property of social choice functions, *identifiability* and show that implementable social choice functions satisfying this property can be implemented by a *tariff*.

Work in Progress

"Delayed Disclosure" with Ludvig Sinander

"Optimal Publication Bias"

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

References

Professor Jeffrey Ely
Department of Economics
Northwestern University
2211 Campus Drive
Evanston, IL 60208
847.491.8208
jeffely@northwestern.edu

Professor Bruno Strulovici
Department of Economics
Northwestern University
2211 Campus Drive
Evanston, IL 60208
847.491.8233
b-strulovici@northwestern.edu

Professor Wojciech Olszewski
Department of Economics
Northwestern University
2211 Campus Drive
Evanston, IL 60208
847.491.8482
wo@northwestern.edu