ANNA AIROLDI

New York University
Stern School of Business
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Education

PhD Candidate in Economics, Stern School of Business, 2017-present (Currently in 2nd Year)
2nd Year Coursework: Industrial Organization I and II, Empirical Industrial Organization, Applied Microeconometrics, Development Economics, Household Finance, Topics in Applied Microeconomics (Innovation, Science and Creativity), Digital Economics (audited).

MSc in Economic and Social Sciences, summa cum laude, Bocconi University, 2013-2016
Dissertation: *"The retail electricity market puzzle: a theoretical explanation"*

BA in Economic and Social Sciences, summa cum laude, Bocconi University, 2010-2013
Dissertation: *"Consumer Champion or Harm to Competition? Buyer Power in Food Retailing and Policy Responses in the European Union"*
Exchange program in Economics, University of British Columbia, Vancouver, Fall 2012

Research, teaching and professional experience

2019-current	NYU Stern, Research Assistant for Professor Petra Moser
Spring 2017	Bocconi University, teaching assistant for the M.Sc. course "Competition Policy, Regulation and Liberalizations"
2016-2017	Bocconi University, Research Assistant for Professor Michele Polo
Summer 2014	Econometrics Intern at Competition and Markets Authority, London.

Fellowships, honors and awards

2016-2017	Junior Fellow at IEFE (Center for Research on Energy and Environmental Economics and Policy), Bocconi University
2013-2015	Innocenzo Gasparini Institute for Economic Research (IGIER) visiting student

Work in progress

"User privacy in the mobile app market: a supply side analysis"

Older Work

A. Airoldi, M. Polo (2017). "Opening the Retail Electricity Markets: Puzzles, Drawbacks and Policy Options", IEFE Working Paper n. 97

Skills

Data: Stata, Python
Languages: Italian (native), English (proficient), French (basic)

Interest in Economics of AI

I would like to focus my research on digital markets and on the incentives that shape firms' choices concerning user data, as well as on the effects that distinct data ownership structures and regulations may have on competition and innovation. I feel that these are extremely relevant topics both from an academic and a policy perspective.

The economics of AI is related to my research agenda in two ways. First, developments in AI and data analytics may greatly affect the choice sets, preferences and strategies of both consumers and providers interacting in digital markets. Secondly, as a growing amount of data is produced by consumers and predictive tools become more powerful, the question of who owns and what rules govern data sharing among different agents is likely to have significant effects on competition and market structure.

So far, I have furthered my interest in privacy and digital markets by auditing a class on Digital Economics taught by Prof. Sundararajan at Stern.

Moreover, I have recently started to work on a project on the use of personal data in the mobile apps market. My aim is to study how asymmetric information and incomplete contracting may affect monetization strategies chosen by app developers and resulting privacy outcomes for users. Specifically, I want to focus on how uncertainty surrounding future technological developments (such as new or broader uses for data that has already been shared) may affect contracting on privacy between developers and users, and how institutional rules from platforms and regulators may enter the picture. To do so, I plan to use data on apps' monetization strategies and privacy behavior from app stores and academic projects such as Privacy Grade.