

## Angelo Secchi

Paris Jourdan Science Economiques (PjSE)  
Université Paris 1 Panthéon-Sorbonne  
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### Education

SCUOLA SUPERIORE SANT'ANNA, Pise, Italy  
Ph.D. in Economics  
BOCCONI UNIVERSITY, Milan, Italy  
BA in Economics

### Professional affiliations and activities

UNIVERSITY PARIS 1 PANTHÉON-SORBONNE, Department of Economics.  
Professor of Economics, since 2011.

PARIS SCHOOL OF ECONOMICS.  
Professor of Economics, since 2011.

RFF-CMCC European Institute on Economics and the Environment.  
Affiliate Scientist, since 2022.

UNIVERSITY OF PISE, Political Science Department.  
Associate Professor of Economics, 2007-2010.

SANT'ANNA SCHOOL OF ADVANCED STUDIES, Department of Economics.  
Assistant Professor of Economics, 2007. Research fellow, 2002-2007

WISSENSCHAFTSZENTRUM FÜR SOZIALFORSCHUNG.  
Research unit Economic Change and Employment. Visiting fellow, 2001.

### Personal

Born in October 1972, Italian citizen.

### Honors and Awards

Giovanni Spitali Award for the best Ph.D. dissertation in the biennium 2003-2004 at Sant'Anna School of Advanced Studies.

### Research

#### Papers published in peer-reviewed journals

"Exchange rate pass-through and the role of expectations" with C. Tomasi and A. Fracasso, *Journal of Comparative Economics* 50, 135-152, 2022.

"Aggregate fluctuations and the distribution of firm growth rates" with G. Bottazzi and L. Li, *Industrial and Corporate Change*, 28, 635-656, 2019.

- "Exporters' product vectors across markets" with L. Fontagnè and C. Tomasi, *European Economic Review*, 110, 150-180, 2018.
- "Growth volatility and size: a firm-level study" with F. Calvino, C. Criscuolo and C. Menon, *Journal of Economic Dynamics and Control*, 90, 390-407, 2018.
- "Export price adjustments under financial constraints" with F. Tamagni and C. Tomasi, *Canadian Journal of Economics*, 49, 1057-1085, 2016.
- "Financial constraints and firm exports: accounting for heterogeneity, self-selection and endogeneity" with F. Tamagni and C. Tomasi, *Industrial and Corporate Change*, 25, 813-827, 2015.
- "The micro patterns of export diversification under financial constraints" with F. Tamagni and C. Tomasi, *Industrial and Corporate Change*, 23, 1595-1622, 2014.
- "Financial constraints and firm Dynamics" with G. Bottazzi and F. Tamagni, *Small Business Economics*, 42, 99-116, 2014.
- "Productivity, profitability and growth: the empirics of firm dynamics with G. Bottazzi, *Structural Change and Economic Dynamics*, 23, 325-328, 2012.
- "Financial and Economic Determinants of Firm Default with G. Bottazzi, M. Grazzi and F. Tamagni, *Journal of Evolutionary Economics*, 21, 373-406, 2011.
- "A New Class of Asymmetric Exponential Power Densities with Applications to Economics and Finance" with G. Bottazzi, *Industrial and Corporate Change*, 20, 991-1030, 2011.
- "Corporate growth and industrial dynamics: evidence from French manufacturing" with G. Bottazzi, A. Coad and N. Jacoby, *Applied Economics*, 43, 103-116, 2011.
- "Interfirm heterogeneity: nature, sources and consequences for industrial dynamics. An introduction" with G. Dosi and S. Lechevalier, *Industrial and Corporate Change*, 19, 1867-1890, 2010.
- "Corporate performances and market selection. Some comparative evidence" with G. Bottazzi, G. Dosi, N. Jacoby and Tamagni F., *Industrial and Corporate Change*, 19, 1953-1996, 2010.
- "Productivity, profitability and financial performance" with G. Bottazzi and F. Tamagni, *Industrial and Corporate Change*, 17, 711-751, 2008.
- "Sectoral and geographical specificities in the spatial structure of economic activities" with G. Bottazzi, G. Dosi and G. Fagiolo, *Structural Change and Economic Dynamics*, 19, 189-202, 2008.
- "Modeling industrial evolution in geographical space" with G. Bottazzi, G. Dosi and G. Fagiolo, *Journal of Economic Geography*, 7, 651-672, 2007.
- "Invariances and diversities in the evolution of Italian manufacturing industry" with G. Bottazzi, E. Cefis and G. Dosi, *Small Business Economics*, 29, 137-159, 2006.
- "Gibrat's Law and diversification" with G. Bottazzi, *Industrial and Corporate Change*, 15, 847-875, 2006.
- "Scale and technological factors in the diversification structure of business firms" with C. Castaldi and M. Milakovic, *Economics Letters*, 91, 117-121, 2006.
- "Explaining the distribution of firms growth rates"(2006) with G. Bottazzi, *The RAND Journal of Economics*, 37, 235-256, 2006.
- "Characterizing the production process: a disaggregated analysis of italian manufacturing firms" with G. Bottazzi and M. Grazzi, *Rivista di Politica Economica*, I-II, 243-270, 2005.
- "Growth and diversification patterns of the worldwide pharmaceutical industry" with G. Bottazzi, *Review of Industrial Organization*, 26, 195-216, 2005.

"Input output scaling relations in italian manufacturing firms " with G. Bottazzi and M. Grazzi, *Physica A*, 355, 95-102, 2005.

"Some statistical investigations on the nature and dynamics of electricity prices " with G. Bottazzi and S. Sapio, *Physica A*, 355, 54-61, 2005.

"Why are distributions of firm growth rates tent-shaped ? " with G. Bottazzi, *Economics Letters*, 80, 415-420, 2003.

"A stochastic model of firm growth" with G. Bottazzi, *Physica A*, 324, 213-219, 2003.

"Common properties and sectoral specificities in the dynamics of U.S. manufacturing firms"(2003) with G. Bottazzi, *Review of Industrial Organization*, 23, 217-232, 2003.

## Papers published in collections, books and proceedings

"Financial fragility and the distribution of firm growth rates, with G. Bottazzi, in *Innovation, Globalization and Firm Dynamics*, eds. Anna Maria Ferragina, Erol Taymaz, Kamil Yilmaz, Routledge, 2014.

"Characterizing the Production Process: A Disaggregated Analysis of Italian Manufacturing Firms", with G. Bottazzi and M. Grazzi, in *Capital Accumulation, Productivity and Growth*, eds. M. Malgarini and G. Piga, Palgrave Macmillan, New York, 2006.

"Self-reinforcing Dynamics and the evolution of business firms", with G. Bottazzi, in *Applied Evolutionary Economics and the Knowledge-Based Economy*, eds. A. Pyka and H. Hanusch, Edward Elgar, Cheltenham, 2006.

"The Dynamics of Growth and Diversification of the Large Pharmaceutical Companies", with G. Bottazzi, in *Knowledge Accumulation and Industry Evolution: the Case of Pharma-Biotech*, eds. M. Mazzucato and G. Dosi, Cambridge University Press, 2006.

"La crescita d'impresa e le sue relazioni con produttività e profittabilità: evidenza empirica sul settore manifatturiero italiano", with F. Tamagni, in *Produttività e cambiamento nell'industria italiana*, eds. Rondi L. and F. Silva, Il Mulino, 2009.

"Crescita dell'impresa e struttura industriale: evidenze empiriche sull'industria manifatturiera italiana", with G. Bottazzi, E. Cefis and G. Dosi, eds. D. Delli Gatti e M. Gallegati *Eterogeneità degli agenti economici ed interazione sociale: teorie e verifiche empiriche*, Il Mulino, Bologna 2003.

## Work in progress

"On some statistical properties of the firm growth rate distributions" with J. Moran and Jean-Philippe Bouchaud.

"On the origins of aggregate product diversification" with I. Iodice and L. Fontagne'.

## Seminars and Conferences:

2016-2020: Bielefeld University(scheduled, 2020), CFM (Paris, 2019), ISS Schumpeter Society (Seoul, 2019), CFM (Paris, 2018), AFSE (Paris, 2018), Catholique University (Milan, 2018), Université Cergy-Pontoise (Paris, 2017), SPRU50 (Brighton, 2016), ICC Conference (Berkeley, 2016), NIFU (Oslo, 2017), CEPIL-CEPREMAP Workshop (Paris, 2017), Scuola Superiore Sant'Anna - Jobs Act (Pise, 2016).

2010-2015: Journées OSE (Assois, 2015), FREIT (Ljubljana, 2015), OECD (Stockholm, 2014), Bamberg University (Bamberg, 2014), WEHIA (Reykjavik, 2013), Shanghai Forum (Shanghai, 2013), Fudan University (Shanghai, 2013), OECD (Paris, 2012), WEHIA (Paris, 2012), IIOC (Boston, 2011),

Sophia Antipolis, (Nice, 2010).

Before 2010 (sample): Aspects of Complexity (Manchester, 2009), Organization and Performance: Understanding the Diversity of Firms (Tokyo, 2008), CAED (Budapest, 2008), Association of American Geographers (San Francisco, 2007), EAEPE (Istanbul, 2006), CAED (Chicago, 2006), DRUID (Copenhagen, 2006), Complex Behavior in Economics (Aix en Provence, 2006), Noise and fluctuation in econophysics and finance (Austin, 2005), EARIE (Porto, 2005), EEA (Madrid, 2004), Workshop on Financial Fragility, Business Fluctuations and Monetary Policy (Siena, 2004), Schumpeterian Society Conference (Milan, 2004), IIOC (Chicago, 2004), Conference on Honour of Josef Steindl (Vienna, 2003), WEHIA (Kiel, 2003), EAEE (Augsburg, 2003), IIOC (Boston, 2003), International Econophysics Conference (Bali, 2002).

## Teaching Experience

Applied Econometrics, Master.

Microeconomics, Master.

Industrial Dynamics, PhD.

Industrial Organization, Master.

Mathematics for Economics and Social Sciences, undergraduate.

Labor Economics, undergraduate.

Economics, undergraduate.

Introduction to nonparametric statistics, PhD.

Introduction to Statistics, undergraduate.

## Professional services

Referee: Advances in Complex Systems, Computational Economics, *Economia e Politica Industriale*, *Economic Journal*, *Economics Bulletin*, *Economics Letters*, *EPJ Data Science*, *European Economic Review*, *Industrial and Corporate Change*, *Industry and Innovation*, *Journal of International Trade and Economic Development*, *Journal of Economic Behavior and Organizations*, *Journal of Economic Dynamics and Control*, *Journal of Economic Geography*, *Journal of Economic Interaction and Coordination*, *Journal of Evolutionary Economics*, *Journal of the Royal Statistical Society*, *Mathematical and Social Sciences*, *Papers in Regional Science*, *Physica A*, *Regional Science*, *Regional Studies*, *Research Policy*, *Review of Industrial Organization*, *Review of International Economics*, *Small Business Economics*, *Structural Change and Economic Dynamics*.

Editorial activities: guest editor for *Industrial and Corporate Change*, *Structural Change and Economic Dynamics*, *Journal of Industrial and Business Economics*.