

Curriculum Vitae of Angelo Secchi

PERSONAL

Born: October 23, 1972

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Current Position: Professor of Economics, Université Paris I Panthéon-Sorbonne.

EDUCATION

2003: **Ph.D. in Economics and Management**, Scuola Superiore Sant'Anna, Italy.

1999: **Laurea in Economics**, Bocconi University, Italy.

RESEARCH AND PROFESSIONAL ACTIVITIES

PREVIOUS ACADEMIC APPOINTMENTS:

- *October 2007 – October 2011* University of Pisa, Pisa, Associate Professor of Economics
- *March 2007 – September 2007* Scuola Superiore S.Anna, Pisa, Assistant Professor of Economics
- *November 2005 – March 2007* Scuola Superiore S.Anna, Pisa, Research Fellow, “On the identification and interpretation of business firm performances”
- *June 2002 – October 2005* Scuola Superiore S.Anna, Pisa, Research Fellow, “On the nature and interpretation of macroeconomic stylized facts”
- *January 2001 – August 2001* Wissenschaftszentrum für Sozialforschung, Research Assistant, Research Unit “Economic Change and Employment” directed by Prof. David Soskice.

PRESENTATIONS IN INTERNATIONAL CONFERENCES:

- *April 2010* “Financial Constraints, Firms and Aggregate Dynamics”, Sophia Antipolis-Cte-dAzur, France.
- *July 2009* “Introductory Lectures on Aspects of Complexity”, Manchester, UK.
- *November 2008* “Organization and Performance: Understanding the Diversity of Firms”, Tokyo, Japan.
- *May 2008* “Comparative Analysis of Enterprise (Micro) Data Conference”, Budapest, Hungary.

- *April 2007* “The Annual Meeting of the Association of American Geographers”, San Francisco, US.
- *November 2006* “Annual Conference of the European Association for Evolutionary Political Economy”, Istanbul, Turkey.
- *September 2006* “Comparative Analysis of Enterprise (Micro) Data Conference”, Chicago, US.
- *June 2006* “Knowledge, Innovation and Competitiveness: dynamics of firms, networks, regions and institutions”, The DRUID Summer Conference, Copenhagen, Denmark.
- *May 2006* “Complex Behavior in Economics: Modeling, Computing and Mastering Complexity”, Aix en Provence, France.
- *September 2005* “Conference of the European Association for Research in Industrial Economics”, Porto, Portugal.
- *August 2004* “Annual congress of the European Economic Association”, Madrid, Spain.
- *May 2005* “Noise and fluctuation in econophysics and finance”, Austin(TX), US.
- *September 2004* “Workshop on Financial Fragility, Business Fluctuations and Monetary Policy”, Siena, Italy.
- *June 2004* “Schumpeterian Society Conference”, Milan, Italy.
- *April 2004* “International Industrial Organization Conference”, Chicago, US.
- *September 2003* “Conference on Honour of Josef Steindl”, Vienna, Austria.
- *May 2003* “Annual Workshop on Economic Heterogeneous Interacting Agents”, Kiel, Germany.
- *April 2003* “European Meeting on Applied Evolutionary Economics”, Augsburg, Germany.
- *April 2003* “International Industrial Organization Conference”, Boston, US.
- *August 2002* “The International Econophysics Conference”, Bali, Indonesia.

CONFERENCES ORGANIZED:

- December 2009 “Markets and firms dynamics: from micro patterns to aggregate behaviors”, Universit des Antilles et de la Guyane, Pointe Pitre , Guadeloupe, France.
- Ottobre 2008 “The dynamics of firm evolution: productivity, profitability and growth ”, Scuola Superiore Sant’Anna, Pisa, Italy.
- September 2006 “RESEARCH in ECONOMICS: Reappraising Economics as an Empirically Disciplined Science”, Scuola Superiore Sant’Anna, Pisa, Italy.

REFEREE ACTIVITIES:

- Journal of the Royal Statistical Society, Economics Letters, Journal of Economic Geography, Journal of Economic Interaction and Coordination, Physica A, Review of Industrial Organization, Industrial and Corporate Change, Structural Change and Economic Dynamics, Hong Kong Research Council

EDITORIAL ACTIVITIES:

- Guest editor for a special issue of Industrial and Corporate Change on “Interfirm heterogeneity: nature, sources and consequences for industrial dynamics”, 2010.

- Guest editor for a special issue of *Structural Change and Economic Dynamics* on “Productivity, profitability and growth: the empirics of firm dynamics”, 2010.

TEACHING ACTIVITIES

- At University of Strasbourg:
 - *2007-2010*: “DIMETIC - Micro Approaches to innovation and networks” (graduate)
- At University of Pisa:
 - *2009-2010*: “Mathematics for Economics and Social Sciences” (undergraduate)
 - *2007-2010*: “Labor Economics” (undergraduate)
 - *2007-2010*: “Economics” (undergraduate)
 - *2008-2010*: “Industrial Dynamics” (graduate)
- At Scuola Superiore Sant’Anna, Pisa:
 - *2006-2007*: “Introduction to nonparametric statistics” (undergraduate; with Giulio Bottazzi)
 - *2005-2006*: “Industrial Dynamics” (undergraduate; with Giulio Bottazzi)
 - *2003-2004*: “Mathematics” (graduate; TA for Giulio Bottazzi)
- At University of Camerino, Italy:
 - *2001-2002*: “Introduction to Statistics” (undergraduate)
- At Duke University:
 - *2001-2002*: “Political Economy of Macroeconomics” (graduate; TA for David Soskice)

AWARDS

- *2005*: Scuola Superiore Sant’Anna “Giovanni Spitali Award” for the best Ph.D. dissertation in the biennium 2003-2004.

PUBLICATIONS

ARTICLES IN REFEREED JOURNALS

- Bottazzi G. and Secchi A., *A New Class of Asymmetric Exponential Power Densities with Applications to Economics and Finance*, Industrial and Corporate Change, forthcoming.
- Bottazzi G., Grazzi M., Secchi A. and Tamagni F., *Financial and Economic Determinants of Firm Default*, Journal of Evolutionary Economics, forthcoming, 2010.
- Dosi G., Lechevalier S. and Secchi A., *Interfirm heterogeneity: nature, sources and consequences for industrial dynamics. An introduction*, Industrial and Corporate Change, forthcoming.
- Bottazzi G., Dosi G., Jacoby N., Secchi A. and Tamagni F., *Corporate performances and market selection. Some comparative evidence*, Industrial and Corporate Change, forthcoming.
- Bottazzi G., Coad A., Jacoby N., Secchi A., *Corporate growth and industrial dynamics: evidence from French manufacturing*, Applied Economics, doi: 10.1080/00036840802400454, 2009.
- Bottazzi G., Secchi A. and Tamagni F., *Productivity, Profitability and Financial Performance*, Industrial and Corporate Change, 17, 711-751, 2008.
- Bottazzi G., Fagiolo G., Dosi G. and Secchi A., *Sectoral and Geographical Specificities in the Spatial Structure of Economic Activities*, Structural Change and Economic Dynamics, 19, 189-202, 2008.
- Bottazzi G., Dosi G., Fagiolo, G. and Secchi, A., *Modeling Industrial Evolution in Geographical Space*, Journal of Economic Geography, 7, 651-672, 2007.
- Bottazzi G., Cefis E., Dosi G., and Secchi A., *Invariances and Diversities in the Evolution of Italian Manufacturing Industry*, Small Business Economics, 29, 137-159, 2007.
- Bottazzi G. and Secchi, A., *Gibrat's Law and Diversification*, Industrial and Corporate Change, 15, 847-875, 2006.
- Castaldi C., Milakovic M. and Secchi A., *Scale and technological factors in the diversification structure of business firms*, Economics Letters, 91, 117-121, 2006.
- Bottazzi G., Grazzi M. and Secchi A., *Characterizing the Production Process: a Disaggregated Analysis of Italian Manufacturing Firms*, Rivista di Politica Economica, I-II, 243-270, 2005.
- Bottazzi G. and Secchi A., *Explaining the Distribution of Firms Growth Rates*, The Rand Journal of Economics, 37, 235-256, 2006.
- Bottazzi G. and A.Secchi *Growth and Diversification Patterns of the Worldwide Pharmaceutical Industry*, Review of Industrial Organization, 26, 195-216, 2005.
- Bottazzi G., Grazzi M. and Secchi A., *Input Output Scaling Relations in Italian Manufacturing Firms*, Physica A, 355, 95-102, 2005.
- Bottazzi G., Sapio S. and Secchi A., *Some Statistical Investigations on the Nature and Dynamics of Electricity Prices*, Physica A, 355, 54-61, 2005.
- Bottazzi G. and Secchi A. *Common Properties and Sectoral Specificities in the Dynamics of U.S. Manufacturing Companies*, Review of Industrial Organization, 23, 217-232, 2003.
- Bottazzi G. and Secchi A., *Why are distributions of firm growth rates tent-shaped ?*, Economic Letters, 80, 415-420, 2003.

- Bottazzi G. and Secchi A., *A Stochastic Model of Firm Growth*, Physica A, 324, 213-129, 2003.

CHAPTERS IN REFEREED COLLECTIONS

- Bottazzi G., Grazzi M. and Secchi A., *Characterizing the Production Process: A Disaggregated Analysis of Italian Manufacturing Firms* in Capital Accumulation, Productivity and Growth, eds. M. Malgarini and G. Piga, Palgrave Macmillan, New York, 2006.
- Bottazzi G. and Secchi A., *Self-reinforcing Dynamics and the evolution of business firms* in Applied Evolutionary Economics and the Knowledge-Based Economy, eds. A. Pyka and H. Hanusch, Edward Elgar, Cheltenham, 2006.
- Bottazzi G. and Secchi A., *The Dynamics of Growth and Diversification of the Large Pharmaceutical Companies* in Knowledge Accumulation and Industry Evolution: the Case of Pharma-Biotech, eds. M. Mazzucato and G. Dosi, Cambridge University Press, 2006.

IN ITALIAN

- Secchi A., and F. Tamagni, *La crescita d'impresa e le sue relazioni con produttività e profittabilità?: evidenza empirica sul settore manifatturiero italiano* in Produttività e cambiamento nell'industria italiana, Rondi L. and F. Silva (eds.), Il Mulino, 2009.
- Bottazzi G., Cefis E., Dosi G. and Secchi A., *Crescita dell'impresa e struttura industriale: evidenze empiriche sull'industria manifatturiera italiana* in D. Delli Gatti e M. Gallegati (a cura di) Eterogeneità degli agenti economici ed interazione sociale: teorie e verifiche empiriche, Il Mulino, Bologna 2003.

Pisa, July 15, 2010

Angelo Secchi