

Andrea Roventini

Associate Professor - Institute of Economics - Scuola Superiore Sant'Anna, Pisa, Italy.

Personal Data

Birth Date: April 16th 1977
Place of Birth: Mirandola (MO), Italy
Gender: M
Citizenship: Italian

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Education

30/11/2005: Ph.D in Economics and Management.
Sant'Anna School of Advanced Studies, Pisa, Italy
Dissertation title: *Investment and Business Cycles: Theory and Empirical Evidence*.
Supervisor: Prof. G. Dosi and Prof. G. Fagiolo.

19/04/2001: Degree Certificate in Economics with highest final grade (110/110 'cum laude') at Faculty of Economics, University of Modena and Reggio Emilia.
Dissertation title: *Usury: how it rises and how it can be overcome (Analysis of the 108/96 act)*.
Supervisor: Prof. A. Ginzburg.

Fields of Interests

Business Cycles, Agent-Based Computational Economics, Industrial Dynamics, Time Series Analysis, Statistical Properties of Micro and Macro Dynamics

Academic Appointments

From November 2014 Associate Professor, Scuola Superiore Sant'Anna, Pisa, Italy.
Apr. 2008 - Oct. 2014 Assistant Professor in Economics at Department of Economics

Oct. 2011 - Sept. 2012	Faculty of Economics - University of Verona, Italy Maître de Conférences, EconomiX, University of Paris Ouest Nanterre - La Defense, France.
May 2005 – April 2007	Research Fellowship, Department of Social, Cognitive and Quantitative Science, University of Modena and Reggio Emilia, Italy.
Sept. 2004 – Febr. 2005,	Research Fellowship, Sant’Anna School of Advanced Studies, Pisa, Italy
Sept. 2003 – Aug. 2004,	Research Fellowship, Department of Social, Cognitive and Quantitative Science, University of Modena and Reggio Emilia, Italy

Visiting Positions

April 2011 - July 2011, OFCE, Sciences Po, Paris, France.

Teaching

Graduate courses

- Consumption (PhD), University of Verona
- Advanced macroeconomics (MA), University of Verona
- International monetary economics (MA), University of Verona
- Monetary economics (MA), University of Verona
- Innovation economics (MA), University of Verona
- International economics (MA), University of Paris Ouest Nanterre - La Defense

Undergraduate courses

- Macroeconomics, University of Modena and Reggio Emilia
- Microeconomics, University of Modena and Reggio Emilia
- Macroeconomics, University of Paris Ouest Nanterre - La Defense

Other Relevant Activities

- Advisory editor for the Journal of Evolutionary Economics
- Referee activity for American Economic Review, Journal of Economic Growth, Journal of Applied Econometrics, Industrial and Corporate Change; Journal of Economic Dynamics and Control, Journal of Economic Behavior and Organization, Macroeconomic Dynamics, Regional Studies, Empirical Economics, Studies in Nonlinear Dynamics & Econometrics, Australian Economic Papers; Structural Change and Economic Dynamics, Cybernetics and Systems, International Journal of Economics and Finance, International Journal of Innovation and Technology Management, Mind & Society.

Research Grants

- U.S. National Science Foundation grant, “A Multi-Level, Agent-Based Model for Identifying the Factors that Enable or Constrain International Climate Change Negotiations”
- Institute for New Economic Thinking (INET) grant #220, “The Evolutionary Paths Toward the Financial Abyss and the Endogenous Spread of Financial Shocks into the Real Economy”
- European Commission (7th Framework Program) grant, “Impacts and Risks from Higher-End Scenarios: Strategies for Innovative Solutions” (IMPRESSION), <http://www.impressions-project.eu>
- European Commission (Horizon 2020 Program) grant, “Distributed Global Financial Systems for Society “(DOLFINS), <http://www.dolfinsproject.eu>
- European Commission (Horizon 2020, Program) grant, “Innovation-Fuelled, Sustainable, Inclusive Economic Growth” (ISIGrowth), <http://www.isigrowth.eu>

Publications

- Jacob Leal S., M. Napoletano, A. Roventini, G. Fagiolo (2015), “Rock around the clock: An Agent-Based Model of Low- and High-Frequency Trading”, *Journal of Evolutionary Economics*, DOI: 10.1007/s00191-015-0418-4.
- Dosi G., G. Fagiolo, M. Napoletano and T. Treibich (2015), “Fiscal and Monetary Policies in Complex Evolving Economies”, *Journal of Economic Dynamics and Control*, vol. 52, p. 166-189.
- Ascari G., G. Fagiolo, and A. Roventini (2015), “Fat-Tail Distributions and Business-Cycle Models”, *Macroeconomic Dynamics*, vol. 19, p. 465-476.
- Ferraresi T., A. Roventini, and G. Fagiolo (2014), “Fiscal Policies and Credit Regimes: A TVAR Approach”, *Journal of Applied Econometrics*, DOI: 10.1002/jae.2420.
- Dosi G., G. Fagiolo, M. Napoletano, and A. Roventini (2013), “Income Distribution, Credit and Fiscal Policies in an Agent-Based Keynesian Model”, *Journal of Economic Dynamics and Control*, vol. 37, p. 1598-1625.
- Fagiolo G., and A. Roventini (2012), “Macroeconomic Policy in DSGE and Agent-Based Models”, *Revue de l’OFCE*, vol. 124, p. 67-116.
- Dosi G., G. Fagiolo, M. Napoletano, and A. Roventini (2012), “Wage formation, Investment Behavior and Growth Regimes: An Agent-Based Analysis”, *Revue de l’OFCE*, vol. 124, p. 235-261.
- Gerst M.D., P. Wang, A. Roventini, G. Fagiolo, G. Dosi, R. B. Howarth, and M. E. Borsuk(2012), “Agent-Based Modeling of Climate Policy: An Introduction to the ENGAGE Multi-level Model Framework”, *Environmental Modelling & Software*, vol. 44, p. 62-75
- Dosi G., G. Fagiolo, M. Napoletano, and A. Roventini (2012), “Economic Policies with Endogenous Innovation and Keynesian Demand Management”, in R. M. Solow and J-P Touffut (eds) (2012), *What's Right with Macroeconomics?*, Cheltenham, UK and Northampton, MA, USA: Edward Elgar.
- Fagiolo G., and A. Roventini (2012), “On the Scientific Status of Economic Policy: A Tale of Alternative Paradigms”, *The Knowledge Engineering Review*, 27: 163-185. Published in Russian as “O Auchnom Statuse Economicheskoy Politiki: Povest' ob Al'ternativnykh Paradigmakh”, *Voprosy Ekonomiki*, 6:24.
- Dosi G., G. Fagiolo, and A. Roventini (2010), “Schumpeter Meeting Keynes: A Policy-Friendly Model of Endogenous Growth and Business Cycles”, *Journal of Economic Dynamics and Control*, 34: 1748-1767.

- Fagiolo G., M. Napoletano, M. Piazza, and A. Roventini, (2009), “Detrending and the Distributional Properties of U.S. Output Time Series”, *Economics Bulletin*, 29: 3155-3161.
- Fagiolo G., M. Napoletano, and A. Roventini (2008), “Are Output Growth-Rate Distributions Fat-Tailed? Some Evidence from OECD Countries”, *Journal of Applied Econometrics*, 23: 639-669.
- Dosi G., G. Fagiolo, and A. Roventini (2008), “The Microfoundations of Business Cycles: An Evolutionary, Multi-Agent Model”, *Journal of Evolutionary Economics*, 8: 413-432.
- Fagiolo G., M. Napoletano, and A. Roventini (2007), “How Do Output Growth Rate Distributions Look Like? Some Time-Series Evidence on OECD Countries”, *European Physical Journal B*, 57: 205-211.
- Dosi G., G. Fagiolo, and A. Roventini (2007), “Lumpy Investment and Endogenous Business Cycles in an Evolutionary Multi-Agent Model”, *Cybernetics and Systems*, 38: 631-666.
- Fagiolo G., M. Napoletano, and A. Roventini (2007), “Sulle Distribuzioni dei Tassi di Crescita dell'Output Aggregato: un'Analisi per Stati Uniti ed Italia”, *Rivista Internazionale di Scienze Sociali*, 115: 215-241.
- Dosi G., G. Fagiolo, and A. Roventini (2006), “An Evolutionary Model of Endogenous Business Cycles”, *Computational Economics* 27: 3-34.
- Dosi G., G. Fagiolo, and A. Roventini (2006), “Lumpy Investment and Endogenous Business Cycles”, in R. Trappl (ed.), *Cybernetics and Systems 2006*, Vienna: Austrian Society for Cybernetic Studies, ISBN 3 85206 172 5.
- Napoletano M., A. Roventini, and S. Sapio (2006), “Are Business Cycles All Alike? A Bandpass Filter Analysis of Italian and US Cycles”, *Rivista Italiana degli Economisti* 11: 87-118.
- Napoletano M., A. Roventini, and S. Sapio (2006), “Modelling Smooth and Uneven Cross-Sectoral Growth Patterns: an Identification Problem”, *Economics Bulletin* 15: 1-8.

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