

University Academic Curriculum Vita



Personal information

Paolo Polinori
Nationality: Italian
Date and Place of Birth: 22/08/1966, Trieste (IT)
Since November 2008, Associate Professor of Economics
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Education

2004 Summer School, Advanced General Equilibrium Modeling, EcoMod, Université Libre de Bruxelles (BE).
2003 Summer School, Practical General Equilibrium Modeling, EcoMod, Université Libre de Bruxelles (BE).
2001 Summer School, Post Graduates Course: Econometrics (Time Series) C.I.D.E. Centro Interuniversitario di Econometria (Bertinoro, FC, IT).
2001 PhD in Agricultural Economic (University of Molise, IT)
1999 Advanced course in Environmental Certification, Eco-Management and Audit Scheme (University of Pisa).
1998 Summer School, Advanced Mathematical Programming (University of Davis – California, U.S. & University of Calabria -Rende-).
1997 MSc in Agricultural Economics (University of Naples –Federico II-, IT)
1995 BSc in Agricultural Science (University of Perugia, IT)

Academic professional experience

From / to	Job title	Academic Institution	Academic level
Since 11/2008	Professor	University of Perugia	Associate Professor
07/2006 – 10/2008	Researcher	University of Perugia	Assistant Professor
01/2002 – 12/2005	Research Fellow	University of Perugia	Post Doc Fellow
01/2000 – 12/2001	Research Fellow	University of Perugia	Post Doc Fellow

Since December 2017: National Scientific Qualification as full professor in Applied Economics

Main experience in academic teaching

Undergraduate Level (coordinator/lecturer):

2018 Energy Economics, LUISS Guido Carli -Rome- Department of Business & Management, 60 hours in English.
Since 2015 Principles of Economics, University for Foreign of Perugia, Department of Humanities and Social Sciences, 60 hours in Italian.
Since 2014 Economics, University of Perugia, Departments of Political Science, 60 hours in Italian.
2008-2014 Economics, University of Perugia, Faculty of Political Science, 60 hours in Italian.
2006-2008 Economics, University of Perugia, Faculty of Political Science, 60 hours in Italian.
2002-2006 Economic Geography (lecturer), University of Perugia, Faculty of Economics, 40 hours in Italian.

Postgraduate Teaching

Since 2017 Institutional Economics, University of Perugia, Department of Economics, 40 hours in Italian.
2015-2016 Economic of the Third Sector, University of Perugia, Departments of Philosophy and Economics, 72 hours in Italian.

Since 2014 Regulatory Economics, University of Perugia, Department of Political Science, 60 hours in Italian.
2009-2014 Regulatory Economics, University of Perugia, Faculty of Political Science, 60 hours in Italian.
2008 Public Economics, University of Perugia, Faculty of Political Science, 60 hours in Italian.
2006-2008 Macroeconomics, University of Perugia, Faculty of Economics, 60 hours in Italian.
2002-2006 Environmental Economics (lecturer), University of Perugia, Faculty of Economics, 60 hours in Italian.

Postgraduate (for MSc & Ph.D)

Since 2015 Energy and Environmental Economics, Ph.D in Economics, University of Perugia, 12 hours in English.
2011-2014 Microeconomics, Ph.D in Economics, University of Perugia, 12 hours in Italian
2008-2011 Regulatory Economics, Master in “Energy and Environmental Management –MEA”, Sapienza University- Rome, 16 hours in Italian.
2008-2011 Regulatory Economics, Master in “Internationalization and communication of the production system in the Mediterranean Area”, University for Foreigners of Perugia and Ministry of Economic Development, 16 hours in English.
2008-2011 Regulatory Economics, Master in “Models of Government and Manufacturer System in Lebanon”, University for Foreigners of Perugia and Ministry of Economic Development, 16 hours in English.
2008-2011 Regulatory Economics, Master in “Economia e Management Aziendale” ONAOSI and University of Perugia, 16 hours in Italian.

Professional Advanced Courses

2015 Regulatory Economics, ENEL Academy, Rome, 10 hours in Italian.
2011-2014 Regulatory Economics, Course of Public Ethics and Anti-Corruption, University of Perugia and Libera - Associations, names and numbers against mafias-, 6 hours in Italian.

Teaching Staff Mobility Under the Socrates/Erasmus Institutional Contract:

2004. Faculty of International Economics and Business –Bucarest (RO)
2004. Wyższa Szkoła Finansów I –Radom (PL)
2004. Polish Open University –Czestochowie (PL)
2003. London Metropolitan University –London (U.K.)

Main institutional Activity

Managing Editor of the: “Review of Economics and Institutions”.
Member of the: Global Trade Analysis Project -GTAP- Purdue University.
Dean’s delegate for Job-Placement and Member of research commission, Department of Economics University of Perugia.
Department advisor for the Italian University Network for Sustainable Development (RUS).

Main Research Activity

Membership in national and European research project

2016-2018 EU Grant: EU Commission - Anti Fraud Office (Olaf) - Hercule III Programme, "Fighting corruption through administrative measures. Supporting development of new anti-corruption policies".
2007 PRIN (Research Projects of National Interest): “Analysis and Modeling of Efficiency, Productivity and Public Policies at the Micro-area Level”.
2005-2008: FP6 European Project “Control of the Intestinal Flora Ecology in Poultry for Ensuring the Products Safety for Human Consumers” (Contract n. FOOD CT 200X 007076) Priority 5: Food Quality and Safety). “The activity carried out Concerned with the Socioeconomic Inquiry” (Work Package 5).
2003-2005 MURST (Ministry of University and Technical and Scientific Research): “Growth development and regional inequalities: the experience of Italy in comparison with some Eastern European Countries”.
2002 PRIN (Research Projects of National Interest): “Statistical Models and Measurements for Spatial Analysis”.
2001 CNR (Science Research Council): “Ecosystem and biodiversity: the economic valuation of biodiversity”.

P.I. in national research project

2012-2104 “A Energy-Environment-Macro-Econometric model for Italian Regions”, funding by AIEE -Italian Association of Energy Economists-.
2006-2009: “Structure and Efficiency of European Electricity Markets. Comparing Experiences in the Context of the European Liberalization”, funding by GSE -Gestore dei Servizi Energetici-.
2000 MURST Program - Young Researchers: “Employment dynamics and economic stability in the Italian rural areas”.

Recent selected publications

Papers in refereed international academic journals and proceedings (ISI indexed)

Bigerna S., D'Errico MC., Polinori P. 2019. "Environmental and Energy Efficiency of EU Electricity Industry: An Almost Spatial Two Stages DEA Approach", **The Energy Journal** 40(1), 31 – 56.

Atalla T., Bigerna S., Bollino C.A., Polinori P. 2018. "An Alternative Assessment of Global Climate Policy", **Journal of Policy Modeling**, doi: 10.1016/j.jpolmod.2018.02.003.

Gaetano M., Polinori P. 2018. "An analysis of the farmers contractual preferences in process innovation implementation: a case study in the Italian Poultry context", **British Food Journal**, doi: 10.1108/BFJ-12-2017-0697.

Polinori P., Marcucci E., Gatta V., Bigerna S., Bollino CA., Micheli S. 2018. "Eco-labelling and sustainable urban freight transport: How much are people willing to pay for green logistics?" **International Journal of Transport Economics**, doi: 10.19272/201806704006.

Bollino C.A., Asdrubali F., Polinori P., Bigerna S., Micheli S., Guattari C., Rotili A. 2017 "A Note on Medium- and Long-Term Global Energy Prospects and Scenarios" **Sustainability** 9: 833 – 858.

Bigerna S., Bollino C.A., Micheli S., Polinori P. 2017. "A new unified approach to evaluate economic acceptance towards main green technologies using the meta-analysis", **Journal of Cleaner Production**, doi: 10.1016/j.jclepro.2017.07.188.

Argentiero A., Atalla T., Bigerna S., Micheli S., Polinori P. 2017. "Assessing Renewable Policies in EU, US and China: a Bayesian DSGE Model", **The Energy Journal**, 38, doi: 10.5547/01956574.38.SI1.aarg.

Bigerna S., Bollino C.A., Ciferri, D., Polinori P. 2017. Renewables diffusion and contagion effect in Italian regional electricity markets: Assessment and policy implications. **Renewable & Sustainable Energy Reviews** 68, 199-211.

Bigerna S., Bollino C.A., Polinori P. 2016. Renewable energy and market power in the Italian electricity market. **The Energy Journal** 37 (SI2), doi: 10.5547/01956574.37.SI2.cbol.

Bigerna S., Bollino C.A., Micheli S., Polinori P. 2016. "Households and Sustainable Green Technologies: A Review" Proceedings of the 5th International Conference on Smart Cities and Green ICT Systems, **Proceedings of the IEEE**, May 2016: 378-383.

Martino G., Polinori P., Tei F., Benincasa P., Turchetti L. (2016) "An Economic Analysis of the Efficiency and Sustainability of Fertilization Programs at Level of Operational Systems of Soft Wheat in Umbria", **Agriculture and Agricultural Science Procedia**, vol. 8 pp. 298306 (Florence "Sustainability of Well-Being International Forum". 2015: Food for Sustainability and not just food, Florence SWIF2015)

Bigerna S., Bollino C.A., Micheli, S., Polinori P. 2016. Revealed and stated preferences for CO2 emissions reduction: The missing link. **Renewable & Sustainable Energy Reviews** doi: 10.1016/j.rser.2016.02.020i.

Bigerna S., Bollino C.A., Polinori P. 2016. Market power and transmission congestion in the Italian electricity market. **The Energy Journal** 37, 133–54.

Bigerna S., Polinori P. 2015. Willingness to pay and public acceptance for hydrogen buses: a case study of Perugia. **Sustainability** 7, 13270-289.

Bigerna S., Polinori P. 2015. Assessing the determinants of renewable electricity acceptance integrating meta-analysis regression and a local comprehensive survey. **Sustainability** 7, 11909-932.

Bigerna S., Bollino C.A., Polinori P. 2015. Marginal cost and congestion in the Italian electricity market: An indirect estimation approach. **Energy Policy** doi: 10.1016/j.enpol.2015.04.009.

Bigerna S., Bollino C.A., Polinori P. 2014. The question of sustainability of green electricity policy intervention. **Sustainability** 6, 5378-400.

Bigerna S., Polinori P. 2014. Italian households' willingness to pay for green electricity. **Renewable & Sustainable Energy Reviews** 34, 110-21.

Chapters in International books

Bigerna S., Bollino C. A., Polinori P. 2017. Renewables energy sources in Italy: A comprehensive analysis. In Carsten H., Friege C. (Eds.) *Marketing Renewable Energy*. Berlin: **Springer**, ISBN 978-3-319-46426-8, doi: 10.1007/978-3-319-46427-5.

Martino G., Polinori P. Tei F. 2016. An economic analysis of the efficiency and sustainability of fertilization programs at level of operational systems with case studies on Table tomato, Carrot and Potato in Central Italy. in Benincasa P., Tei F. (Eds.) "Advances in Plant Nutrition and Fertilization Management of Vegetable Crops", Berlin: **Springer**, ISBN 978-3-319-53626-2.

Bollino C.A., Polinori P. 2011. Sustainability: Will there be the will and the means? In Fereidoon P. Sioshansi (Ed.) Energy sustainability and the environment: Technology, incentives, behavior. Oxford: **Elsevier**, 137–64.

Book

Bigerna S. Polinori P. 2019. "The economic valuation of green electricity". [ISBN 978-94-024-1574-2] SpringerBriefs in Environmental Science, **Springer** Nature Switzerland AG.

Policy Brief

Polinori P. 2009. "Italians, Renewable Energy Sources and EU "Climate Vision", IAEE Energy Forum: 2nd Quarter. pp. 27-28. [Available at IAEE: <http://www.iaee.org/en/publications/newsletter.aspx>]

Revised and resubmitted paper

Integration and convergence in European electricity markets (*Economia Politica: Journal of Analytical and Institutional Economics*).

Wind energy deployment in wind farm ageing context. Appraising an onshore wind farm enlargement project: A contingent valuation study in the Center of Italy (*Energy Economics*).

Willingness to Pay for Electric Boats in a Protected Area in Italy: A Sustainable Tourism Perspective (*Journal of Cleaner Production*)

The biomass potential availability from olive cropping in Italy in a business perspective: Methodological approach and tentative estimates (*Biomass and Bioenergy*).

Served as a referee for

Energy Economics, The Energy Journal, International Journal of Global Energy Issue, Review of Economics and Institutions, Energy Policy, Renewable and Sustainable Energy Review, Computers & Operations Research, Applied Economics, Applied Economics Letters, Agricultural Economics, Energies, Sustainability, The Italian Journal of Public Economics, Agricultural and Food Economics, Moneta e Credito, The International Journal of Sustainable Energy Planning and Management, *Economia Politica -Journal of Analytical and Institutional Economics-*, Renewable Energy Focus.

Scientific committee

EEM "International Conference on the European Energy Market": 2011, 2013, 2014, 2015.

CIRIAF "Inter-University Research Center on Pollution and Environment": 2014, 2015, 2016.

IAEE "International conferences": 2007, 2008, 2010; 2012; 2015, 2016.

Member

SIE - Società Italiana degli Economisti, IAEE -International Association for Energy Economics - AIEE -Associazione Italiana degli Economisti Energetici.

Prizes and awards

Prize -Mauro Felli 2008- "The willingness to pay for Renewable Energy Sources (RES): the case of Italy with different survey approaches: an introductory analysis". Founding by CIRIAF: "Inter-University Research Center on Pollution and Environment".

Award -Targa d'Argento- *Presidenza della Repubblica Italiana* for the research activity (MET Report on Industrial policy evaluation: 2005 and 2007).

Language competence: Italian –mother tongue; English – B2 competence in written/spoken.

Professional Software: LINUX (Ubuntu) MS-OFFICE; STATA; R; MATLAB; GAMS; TSP; SAS; S-PLUS; RATS(C); EViews; LIMDEP. **Programming Languages in:** R; STATA; GAMS; VBA, mySQL; WEB Programming Languages.

Databases Datastream, Bloomberg, AIDA.

Main professional Activity

Scientific advisor for several Italian municipalities; ANCI -National confederation of local authorities- and IFEL -ANCI foundation-.

Scientific advisor for MET –Research and consultancy on SMEs- (MET Report on Italian industrial policy evaluation)

P.I. (Scientific director) project "RE-FOOD: Food innovation and reformulation for a healthier". Participants: 7 Farms, 3 Companies, 2 Cooperative, Coldiretti, Cesar (Center for Rural Development), Departments of Economics, Political Sciences and Pharmacy (University of Perugia); founding by EU and Regione Umbria -PSR (Rural Development Plan)-.

Scientific advisor for Urban Plan for Sustainable Mobility (PUMS) of the Municipality of Perugia (Economic evaluation of the tariff system and its revision).

February, 2018

Paolo Polinori