

Gianmaria Martini

Curriculum Vitae et Studiorum

General Information

Place and date of birth: Milan, 22nd May 1960

Family Address: Rho (MI), Italy

Marital status: married, with three children

Citizenship: Italian

Education:

Ph.D. in Economics, Department of Economics, University of York (UK), 1997, supervisor: John Hey, internal examiner: Huw Dixon, external examiner: John Sutton;

B.A. in Economics, Università Cattolica, Milan, 1985.

Research Fields:

Air transportation;

Health care;

Efficiency and Productivity;

Industrial Organization (Oligopoly theory, Collusion, Innovation, Product Differentiation, Vertical Relations);

Industrial Policy (Antitrust policy).

Academic experience:

2005- : Full Professor of Economics, Department of Economics and Technology Management, Università degli Studi di Bergamo, Italy.

2001-2005: Associate Professor of Economics, Department of Economics and Technology Management, Università degli Studi di Bergamo, Italy.

1992-2001: Assistant Professor of Economics, Department of Economics, Università Cattolica del Sacro Cuore, Milan, Italy;

1991: Assistant Professor of Economics, Institute of Law and Economics, Università degli Studi di Milano, Italy.

Teaching

▪ Università degli Studi di Bergamo

2001- : Applied and Industrial Economics

2001- : Principles of Economics

2002-2005: Economics of Imperfect Markets

1996-2000: Microeconomics

▪ Università Cattolica del Sacro Cuore – Milan

1997-2000: Microeconomics;

1999-2001: Industrial Economics.

- **University of York (UK)**

1990: Economics.

Administrative Experience:

2012-2015: Member Elected, Senatus of the Università degli Studi di Bergamo.

2010-2012: Head of the Department of Economics and Technology Management, Università degli Studi di Bergamo.

2007- 2013: Coordinator of the Ph.D. Program in Economics and Technology, Università degli Studi di Bergamo.

Professional Experience:

2001-2006: Member of the Scientific Committee “Osservatorio Energia”, ref. Ricerche per l’economia e la finanza;

2008- 2010: Member of the Regione Lombardia Advisory Board for Trade Fair and Markets Office;

2007- : Research fellow, International Center for Competitiveness Studies in the Aviation Industry;

2010- : Member of the executive board of SIEPI (*Italian Society of Industrial Economics and Policy*).

2013: Chairman of the Organizing Committee, 2013 ATRS World Conference, Bergamo, July 26-29.

Referee for:

European Journal of Operation Research, European Journal of Law and Economics, International Journal of Industrial Organization, Transportation Research Part E, International Economics and Economic Policy, Energy Economics, Health Policy, Regional Science and Urban Economics, Journal of Air Transport Management, Journal of Optimization Theory and Applications, Transportmetrica, Empirical Economics, The Economic Journal, Rivista Internazionale di Scienze Sociali, Rivista di Economia e Politica Industriale, Australian Economic Papers, L’Industria, Journal of Economic Behavior and Organization, Researches in Economics, Bulletin of Economic Research, Economic Modelling, Economia Politica.

Editorial Activity:

2011 - : Associate Editor, *Journal of Air Transport Management*, Elsevier

2014: Guest Editor, Special Issue on 2013 ATRS Conference, *Transport Policy*, Elsevier

2010 - : Member of the Editorial Board of *Rivista di Economia e Politica Industriale*

2012- : Member of the Editorial Board of *Impresa e Sanità*

1998-2001: Editor of *Osservatorio sull’attività dell’Autorità Garante della Concorrenza e del Mercato*, *Rivista di Economia e Politica Industriale*

Articles:

1. (with KENNETH BUTTON and DAVIDE SCOTTI), 2015, African Decolonization and Air Transportation, *Journal of Transport Economics and Policy*, forthcoming.
2. (with KENNETH BUTTON, ALBERTO BRUGNOLI and DAVIDE SCOTTI), 2015, Economic factors affecting the registration of lower CO₂ emitting aircraft in Europe, *Transportation Research Part D*, 38: 117-124.
3. (with Paul Hooper and Chunyan Yu), 2015, Special issues of papers selected by the air transport research society, *Transport Policy*, DOI:10.1016/j.tranpol.2015.05.011.
4. (with KENNETH BUTTON, ALBERTO BRUGNOLI and DAVIDE SCOTTI), 2015, Connecting African urban areas: airline networks and intra-Sub-Saharan trade, *Journal of Transport Geography*, 42, 84-89.
5. (with DAVIDE SCOTTI), Crescita e sostenibilità ambientale degli aeroporti italiani dopo la liberalizzazione del settore, *Statistica & Società*, 2015, 34-38.
6. (with ANGELO COMPARE, CRISTINA ZARBO, ELENA MARÌN, ALESSIA MELONI, JACOBO A. RUBIO-ARIAS, ROSENDO BERENGUÌ, ENZO GROSSI, EDO SHONIN, PEDRO E. ALCATRAZ), 2014, Psychological wellbeing, proactive attitude and happiness effects of whole-body vibration versus multi-component training in aged women: study protocol for a randomized controlled trial, *Trials*, DOI 10.1186/1745-6215-15-177.
7. (with PAK LAM LO, DAVIDE SCOTTI and SABRINA SEMPERBONI), Il costo sociale della mobilità: un'applicazione al sistema locale di Bergamo, *Statistica & Società*, 2014, 1, 34-37.
8. (with PAOLO BERTA, JOHN MULLAHY and GIORGIO VITTADINI), 2014, The effectiveness-efficiency trade-off in health care: the case of hospitals in Lombardy, *Regional Science and Urban Economics*, 49, 217-231.
9. (with ROBERTO COLOMBI, SUBAL KUMBHAKAR and GIORGIO VITTADINI), 2014, Closed-Skew Normality in Stochastic Frontiers with Individual Effects and Long/Short Run Efficiency, *Journal of Productivity Analysis*, 123-136.
10. (with MARTIN DRESNER, DAVIDE SCOTTI and CHUNYAN YU), 2014, Incorporating negative externalities into productivity assessments of US airports, *Transportation Research Part A*, 62, 39-53.
11. (with GIORGIO VITTADINI) Igiene e infezioni ospedaliere: un nesso quantificabile, 2014, *Statistica & Società*, III, 2, 24 – 29.
12. (with ANNAGELDY ARAZMURADOV and DAVIDE SCOTTI), 2013, Determinants of total factor productivity in former Soviet Union Economies: A stochastic frontier approach, *Economic Systems*, 115-135.
13. (with DAVIDE SCOTTI and NICOLA VOLTA), 2013, Including local air pollution in airport efficiency assessment: A hyperbolic stochastic approach, *Transportation Research Part D*, 24, 27-36.
14. (with NICOLE ADLER and NICOLA VOLTA), 2013, Measuring the environmental efficiency of the global aviation fleet. *Transportation Research Part B*, 53, 82-100.
15. (with ALESSANDRO MANELLO and DAVIDE SCOTTI), 2013, The influence of fleet mix, ownership and LCCs on airports' technical/environmental efficiency, *Transportation Research Part E*, 50, 37-52.
16. (with GIORGIO VITTADINI, PAOLO BERTA and GIUDITTA CALLEA), 2012, The effect of a law limiting upcoding on hospital admissions: Evidence from Italy, *Empirical Economics*, 42, Vol. 2, 563-582.
17. (with PAOLO MALIGHETTI, DAVIDE SCOTTI AND NICOLA VOLTA), 2012, The impact of airport competition on technical efficiency: A Stochastic Frontier Analysis applied to Italian airports, *The Journal of Air Transport Management*, 22, 9-15.
18. (with GIANLUCA FEMMINIS), 2011, Irreversible R&D investment with inter-firms spillovers, *The Journal of Economic Dynamic and Control*, 35, Vol. 7, 1061-1090.

19. (with GIANLUCA FEMMINIS), 2010, First Mover Advantage in a Dynamic Duopoly with Spillover, in *The B.E. Journal of Theoretical Economics*, Vol. 10: Iss. 1 (Contributions), Article 49, DOI: 10.2202/1935-1704.1658.
20. (with GIANLUCA FEMMINIS), 2010, Spillovers, disclosure lags, and incentives to innovate. Do oligopolies over-invest in R&D?, in *Rivista Internazionale di Scienze Sociali*, CXVIII (nr. 1), pp. 47 – 76.
21. (with DAVIDE SCOTTI), 2010, Potere di mercato e distribuzione dei profitti nella filiera del trasporto aereo, in *Mercato Concorrenza e Regole*, X, 173 – 210.
22. (with PAOLO BERTA, GIUDITTA CALLEA and GIORGIO VITTADINI), 2010, The impact of Upcoding, Cream Skimming and Readmissions on the Italian hospitals efficiency: A population – based investigation, in *Economic Modelling*, 2010, 27, 812 – 821.
23. (with GIUSEPPE COLANGELO), 2010, Le politiche per la concorrenza e per l'industria tra l'Italia e l'Europa, in PATRIZIO BIANCHI and CESARE POZZI (eds.), *Le politiche industriali alla prova del futuro: analisi per una strategia nazionale*, Il Mulino, Bologna.
24. (with LUIGI FILIPPINI), 2010, Strategic Choice between Process and Product Innovation under Different Competitive Regimes, in *International Game Theory Review*, 12, 2, 139 – 159, DOI: 10.1142/10.1142/S0219198910002568.
25. (with PAOLO MALIGHETTI, RENATO REDONDI e STEFANO PALEARI), 2007, An empirical investigation on the efficiency, capacity and ownership of Italian airports, in *Rivista di Politica Economica*, 47 (I-II), 157 – 188.
26. (with CINZIA ROVESTI), 2004, Antitrust Policy and Price Collusion: Public Agencies versus Delegation, *Recherches Economiques de Louvain – Louvain Economic Review*, 70, n.2, 127 – 151.
27. (with GIUSEPPE COLANGELO), 2003, Relazioni verticali e determinazione del prezzo nella distribuzione di carburanti in Italia, *Rivista di Politica Economica*, XCIII, n. IX-X, 113 – 153.
28. 2003, Complexity and Individual Rationality in a Price-setters Supergame: An Experimental Study, *Researches in Economics*, 57, n. 4, 345 – 370.
29. 2003, Tacit Collusion and Non-Uniform Prices, *Australian Economic Papers*, 42, n. 1, 1-17.
30. 2000, Price Competition with Discounting and Kinked Demand: An Experimental Study, *Rivista Internazionale di Scienze Sociali*, CVIII, 377-408.
31. 1998, Cultura della concorrenza, identificazione di un'intesa implicita, merger guidelines, in *Economia e Politica Industriale*, 99, 207-219.
32. 1998, La politica della concorrenza: fatti stilizzati, teoria, evidenza empirica italiana, in *Rivista Internazionale di Scienze Sociali*, 2, 327-354.
33. 1996, *Oligopoly, Collusion and Antitrust Policy: A Strategic and Experimental Approach*, Ph. D. dissertation, University of York (UK).
34. 1996, Intese esplicite e restrizioni verticali: il caso SIPAC, *Economia e Politica Industriale*, 91, 183-211.
35. 1995, Politica Antitrust e informazione asimmetrica: un equilibrio sequenziale, *Economia Politica*, XII, n. 3.
36. 1994, Testing Different Theories: An Experimental Approach to Bargaining Games, *Rivista Internazionale di Scienze Economiche e Commerciali*, XLII, 163-188.
37. 1993, Oligopolio collusivo tacito ed equilibri con instabilità nel prezzo, *Il Giornale degli Economisti e Annali di Economia*, LII, n. 4-6, 161-178.
38. 1992, La relazione profittabilità – concentrazione nell'industria manifatturiera italiana: un modello ad equazioni simultanee, *L'Industria*, XIII, n. 4, 685-701.
39. 1987, Interpretazioni dello sviluppo industriale del Mezzogiorno: contraddizioni e tendenze emergenti negli anni ottanta, *Rivista Internazionale di Scienze Sociali*, XCV, n. 3-4, 477-510.

Books:

1. (with PAOLO MALIGHETTI, STEFANO PALEARI and RENATO REDONDI), Air Transport in Europe: ICCSAI Fact Book 2008.
2. (with GIANLUCA FEMMINIS), 1999, *Razionalità individuale e scelte strategiche. Problemi di Microeconomia*, Torino, Giappichelli Editore.
3. (with ENZO PONTAROLLO), 1989, *Indicatori economici ed economie locali*, Roma, Istituto G. Tagliacarne.

Other published papers and Reviews:

1. (with PALMIERI, R. and E. RIGOTTI), 2008, *Teoria economica e razionalità*, in *Atlantide*, IV, 14, 73 – 78.
2. (with G. CALLEA), 2008, *La struttura produttiva*, in Dossena, D., - Paleari, S., *Il futuro del territorio*, Bergamo, Università degli Studi di Bergamo.
3. 2007, *Sussidiarietà e modello economico: la specificità italiana*, in G. VITTADINI (editor), *Che cos'è la sussidiarietà: un altro nome della libertà*, Guerini e Associati, Milano.
4. (with G. FEMMINIS), 2005, *Investimento in capitale umano e sviluppo imprenditoriale*, 127 – 145 in G. Vittadini (editor) “*Capitale umano: la ricchezza dell'Europa*”, Guerini e Associati, Milano.
5. (with MICHELE GRILLO), 1998, *Struttura dimensionale dell'industria italiana e politica della concorrenza*, in *Fare ricerca economica e sociale: scritti per i 25 anni dell'IRS in ringraziamento al primo presidente Pippo Ranci*, Milano, Istituto per la Ricerca Sociale.
6. (with ENZO PONTAROLLO), 1989, *Distretti industriali e tessuti economici circostanti: il caso di Como*, in F. GOBBO (editor), *Distretti e sistemi produttivi alla soglia degli anni '90*, Milano, F. Angeli.

Working papers:

1. (with PAOLO BERTA, FRANCESCO MOSCONE and GIORGIO VITTADINI), 2015, Asymmetric Information and the Impact of Competition on the Quality of Health Care: Evidence from Italy
2. (with KENNETH BUTTON and DAVIDE SCOTTI), 2015, African decolonization and air transportation, Università degli Studi di Bergamo
3. (with MATTIA GRAMPELLA, DAVIDE SCOTTI and GIOVANNI ZAMBON), 2014, The factors affecting pollution and noise social costs of the current aircraft fleet: an econometric analysis, Università degli Studi di Bergamo
4. (with MARTIN DRESNER and DAVIDE SCOTTI), 2013, Baggage Fees, Operational Performance and Customer Satisfaction in the US Air Transport Industry, Università degli Studi di Bergamo.
5. (with MATTIA GRAMPELLA, DAVIDE SCOTTI, FAUSTO TASSAN and GIOVANNI ZAMBON), 2013, The environmental costs of airports' aviation activities: a panel data econometric analysis of Italian airports, Università degli Studi di Bergamo.
6. (with PAOLO MALIGHETTI, STEFANO PALEARI and RENATO REDONDI), 2008, On the Efficiency of European Airports: Do the Importance in the EU Network and the Intensity of Competition Matter?, Working Paper del Dipartimento di Ingegneria Gestionale, Università degli Studi di Bergamo, n. 4.
7. (with GIANLUCA FEMMINIS), 2007, RJV' breadth and social welfare, Quaderni dell'Istituto di Teoria Economica e Metodi Quantitativi, Università cattolica del Sacro Cuore, n. 52.
8. (with GIUSEPPE COLANGELO), 2007, Endogenous Maximum RPM, Recommended Retail

- Prices and the Role of Buyer Power.
9. (with RENATO REDONDI), 2005, Il mercato elettrico italiano: analisi della struttura ed esiti del primo anno di funzionamento, mimeo.
 10. 2005, Hard Core Cartels and Avoidance of Investigation in the Presence of an Antitrust Authority, *Quaderni del Dipartimento di Ingegneria Gestionale e dell'Informazione*, WP n. 5/EM – 2005, Università degli Studi di Bergamo.

Conference Presentations

1. VI Italian Conference on Game Theory and Applications, November 1992, Pisa.
2. I Conferenza Italiana di Economia Sperimentale, December 1993, Siena.
3. VII Convegno Italiano di Teoria dei Giochi ed Applicazioni, April 1993, Genoa.
4. IV Conferenza Italiana di Economia Sperimentale, June 1996, Naples.
5. XXIII Annual E.A.R.I.E. (European Association for Research in Industrial Economics) Conference, September 1996, Wien.
6. XI Italian Conference on Game Theory and Applications, January 1997, Milan.
7. Conferenza Annuale di discussione sulla Relazione dell'attività dell'Autorità Garante della Concorrenza e del Mercato, discussant, February 1998, Milan.
8. Conference on “Strategic Rationality in Economics”, discussant, Associazione Sigismondo Malatesta, , September 1999, Rimini.
9. XXVI Annual E.A.R.I.E. (European Association for Research in Industrial Economics) Conference, September 1999, Turin.
10. Workshop on “Economics and Philosophy”, discussant, January 2000, Bergamo.
11. Workshop on “Innovation and Product Differentiation”, May 2000, Bergamo.
12. XXVIII Annual E.A.R.I.E. (European Association for Research in Industrial Economics) Conference, September 2001, Dublin.
13. Workshop on “Innovation and Regulation”, October 2002, Bergamo.
14. 6th EUNIP Annual Conference, December 2002, Turku.
15. 7th EUNIP Annual Conference, October 2003, Porto.
16. XXXI Annual E.A.R.I.E. (European Association for Research in Industrial Economics) Conference, September 2004, Berlin.
17. XVI Riunione Annuale AIIG. Riunione Annuale Associazione Italiana Ingegneria Gestionale, October 2005, Bergamo.
18. XXXII Annual E.A.R.I.E. (European Association for Research in Industrial Economics) Conference, September 2005, Porto.
19. SSES Annual Meeting, Annual Meeting Swiss Society of Economics and Statistics. March 2006, Lugano.
20. SSES Annual Meeting Swiss Society of Economics and Statistics, March 2007, St. Gallen.
21. V° International Industrial Organization Conference, April 2007, Savannah.
22. VI° International Industrial Organization Conference, May 2008, Washington.
23. III° Kuhmo-Nectar Conference, July 2008, Amsterdam.
24. XXXV° Annual E.A.R.I.E. (European Association for Research in Industrial Economics) Conference, September 2008, Toulouse.
25. 1st Health Econometrics Workshop, December 2008, Milan.
26. VII° International Industrial Organization Conference, April 2009, Boston.
27. 2009 Swiss Industrial Organization Day, April 2009, Bern.
28. Workshop on Industrial Organization: Theory, Empirics and Experiments, June 2009, Lecce.
29. XX Riunione Scientifica Annuale AIIG, October 2009, Udine.
30. VIII° International Industrial Organization Conference, May 2010, Vancouver.

31. 2nd Health Econometrics Workshop, July 2010, Rome.
32. ATRS Conference, July 2010, Porto.
33. GARS Workshop: Airports and the Environment. How to balance economic and environmental concerns, October 2010, Dresden.
34. European Workshop on Efficiency and Productivity Analysis, EWEP A 2011, June 2011, Verona.
35. DEA Conference, August 2011, Thessaloniki.
36. ATRS Conference, Tainan, June 2012, Taiwan.
37. International Panel Data Conference, July 2012, Paris.
38. 3rd Health Econometrics Workshop, December 2012, Siena.
39. 2013 ATRS Conference, June 2013, Bergamo.
40. 2013 International Panel Data Conference, July 2013, London.
41. 2013 Annual Meeting, Italian Society of Economics (SIE), October 2013, Bologna.
42. XXI Workshop SIEPI, January 2014, Naples.
43. ATRS Conference, July 2014, Bordeaux.
44. 4th Health Econometrics Workshop, July 2014, Padova.
45. Society of Economic Geography, August 2014, London.
46. SIET Conference, September 2014, Firenze.
47. XIII Workshop SIEPI, February 2015, Milan.
48. 79th International Atlantic Economic Society Conference, March 2015, Milan.
49. NECTAR Cluster #1 Meeting, May 2015, Cranfield.
50. COST Association Meeting on Aviation contribution to regional development, June 2015, Amsterdam.
51. ATRS Conference, July 2015, Singapore.