

# Gianmaria Martini



## Contacts

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## Personal details

Born: May 22, 1960—Milan, Italy

Nationality: Italian

Google scholar: <https://scholar.google.com/citations?user=INFk0p0AAAAJ&hl=it&oi=ao>

ORCID: [orcid.org/0000-0001-9503-4999](https://orcid.org/0000-0001-9503-4999)

## Current position

Professor of Applied Economics

Department of Economics

Università degli Studi di Bergamo

Via dei Caniana, 2

24127 Bergamo (BG) ITALY

## Education

- |      |                                                                         |
|------|-------------------------------------------------------------------------|
| 1985 | LAUREA in Economics, Università Cattolica del Sacro Cuore, Milan, Italy |
| 1989 | MSc in Economics, University of York, UK                                |
| 1996 | PhD in Economics, University of York, UK                                |

## Areas of specialisation

Transportation Economics; Health Economics; Efficiency and Productivity Analysis; Industrial Organization; Industrial Policy

## Appointments held

|           |                                                                  |
|-----------|------------------------------------------------------------------|
| 1992      | Assistant professor, Università degli Studi di Milano            |
| 1992-2001 | Assistant professor, Università Cattolica del Sacro Cuore, Milan |
| 2001-2005 | Associate professor, Università degli Studi di Bergamo           |
| 2005-     | Full professor, Università degli Studi di Bergamo                |

## Visiting position

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| 2020 | Toulouse School of Economics, Visiting research fellow, January-February |
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## Teaching experience

### Undergraduate courses

|           |                                                                                                                                                                |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1990-1991 | Microeconomics (TA), University of York, UK                                                                                                                    |
| 1992      | Principles of Economics (TA), Università degli Studi di Milano                                                                                                 |
| 1992-1996 | Microeconomics (TA), Università Cattolica del Sacro Cuore, Milan                                                                                               |
| 1996-2000 | Microeconomics, Università Cattolica del Sacro Cuore, Milan                                                                                                    |
| 2001-     | Principles of Economics, Università degli Studi di Bergamo                                                                                                     |
| 2007-2005 | Economics of Imperfect Markets, Università degli Studi di Bergamo Health Economics, Università degli Studi di Bergamo-Università degli Studi di Milano-Bicocca |

### Graduate courses

|       |                                                                                                             |
|-------|-------------------------------------------------------------------------------------------------------------|
| 2000- | Industrial Economics, Università degli Studi di Bergamo Health Economics, Università degli Studi di Bergamo |
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### PhD courses

|           |                                                                                                                                                        |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2002-2010 | Game Theory, PhD in Economics and Management of Technology, Università degli Studi di Bergamo                                                          |
| 2010-2015 | Efficiency and Productivity Analysis, PhD in Economics and Management of Technology, Università degli Studi di Bergamo-Università degli Studi di Pavia |
| 2016-2019 | Transportation Economics, PhD in Applied Economics and Management, Università degli Studi di Bergamo-Università degli Studi di Pavia                   |

## Academic administrative experience

|           |                                                                                                                      |
|-----------|----------------------------------------------------------------------------------------------------------------------|
| 2010-2012 | Head of the Department of Economics and Technology Management, Università degli Studi di Bergamo                     |
| 2012-2015 | Member Elected, Senatus, Università degli Studi di Bergamo                                                           |
| 2015-2020 | Member of the Executive Board, Università degli Studi di Bergamo                                                     |
| 2016-2020 | Director, PhD in Applied Economics and Management, Università degli Studi di Bergamo-Università degli Studi di Pavia |
| 2018-2020 | Dean, School of Engineering, Università degli Studi di Bergamo                                                       |
| 2018-     | Director Master in Hospital Management, Università degli Studi di Bergamo                                            |
| 2020-     | Member Elected, Senatus, Università degli Studi di Bergamo                                                           |
| 2020-     | Head of Department of Economics, Università degli Studi di Bergamo                                                   |

## Professional experience

|           |                                                                                                                                                                       |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2001-2006 | Member of the Scientific Committee “Osservatorio Energia”, ref. Ricerche per l'economia e la finanza, Milan                                                           |
| 2007-2010 | Research fellow, International Center for Competitiveness Studies in the Aviation Industry, Bergamo                                                                   |
| 2008-2010 | Member of Regione Lombardia Advisory Board for Trade Fair and Markets Office                                                                                          |
| 2010-2016 | Member of the executive board of SIEPI (Italian Society of Industrial Economics and Policy)                                                                           |
| 2013-     | Member of ATRS Networking Committee                                                                                                                                   |
| 2013      | Chairman of the Organizing Committee, 2013 ATRS World Conference, Bergamo, July 26-29                                                                                 |
| 2016-     | Air Transport Research Society – ATRS, Vice President for publications                                                                                                |
| 2016-2018 | External examiner, Master in Aviation Management, Cranfield University (UK)                                                                                           |
| 2018      | Board member for VLUHR-Belgium Flanders Region, Re-assessment of C-MAT, Advanced master in Port and aviation economics and management, University of Antwerp, Belgium |
| 2018-2021 | Member of the National Committee for Academic Qualification (ASN), Italian Ministry for Research and University                                                       |
| 2020      | Scientific coordination of the Cost-benefit analysis for the Ministry of Infrastructure and Transportation on the tramway T2 Bergamo – Villa d'Almè                   |
| 2020      | Member of Final Jury, PhD in Economics, Hebrew University of Jerusalem (Israel)                                                                                       |
| 2020      | Member of Final Jury, PhD in Economics, University of Antwerp (Belgium)                                                                                               |

## Editorial activity

|           |                                                                                                                                        |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------|
| 1998-2001 | Editor of Osservatorio sull'attività dell'Autorità Garante della Concorrenza e del Mercato, Rivista di Economia e Politica Industriale |
| 2010-2015 | Member of the Editorial Board of Rivista di Economia e Politica Industriale                                                            |
| 2014      | Guest Editor, Special Issue on 2013 ATRS Conference, Transport Policy                                                                  |
| 2011-     | Associate Editor, Journal of Air Transport Management                                                                                  |

## Referee for:

Italian Economic Journal, Regional Studies, Spatial Economic Analysis, Annals of Tourism Research, Applied Economics, Case Studies on Transport Policy, Journal of Econometrics, Health Economics, International Journal of Sustainable Transportation, Transportation Research Part B, Transportation Research Part D, Journal of Productivity Analysis, 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

## Publications & talks

### JOURNAL ARTICLES

- 2021 “The disruptive impact of COVID-19 on air transportation: An ITS econometric analysis” (with G. Andreana, A. Gualini, F. Porta and D. Scotti), *Research in Transportation Economics* <https://doi.org/10.1016/j.retrec.2021.101042>.
- 2020 “Air connectivity and spatial effects: regional differences in Europe” (with A. Antunes, F. Porta and D. Scotti), *Regional Studies* <https://doi.org/10.1080/00343404.2020.1768231>.  
 “The strange case of less C-sections: Hospital ownership, market concentration, and DRG-tariff regulation” (with P. Berta, M. Piacenza and G. Turati), *Health Economics* <https://doi.org/10.1002/hec.4110>.  
 “Persistent and temporary inefficiency in airport cost function: An application to Italy” (with D. Scotti, D. Viola and G. Vittadini), *Transportation Research Part A* 132, 999-1019.
- 2019 “The Determinants of CO<sub>2</sub> emissions of air transport passenger traffic: An analysis of Lombardy (Italy)” (with P.K. Lo, F. Porta and D. Scotti), *Transport Policy* 91, 108-119. “Airline regulation and common markets in Sub-Saharan Africa” (with K. Button, D. Scotti and N. Volta), *Transportation Research Part E* 129, 81-91.  
 “Air transport Networks of Global Integrators in the More Liberalized Asian Air Cargo Industry” (with P. Malighetti, R. Redondi and D. Scotti), *Transport Policy* 80, 12-23.  
 “Integrators’ air transport networks in Europe” (with P. Malighetti, R. Redondi and D. Scotti), *Network and Spatial Economics* 19, 557-581.
- 2018 “The impact of air transportation on trade flows: A natural experiment on causality applied to Italy” (with A. Brugnoli, A. Dal Bianco and D. Scotti), *Transportation Research Part A* 112, 95-107.  
 “Administrative data and health outcome assessment: Methodology and application” (with G. Vittadini), *Contribution to Economic Analysis* 294, 285-304.
- 2017 “Determinants of transient and persistent hospital efficiency: The case of Italy” (with R. Colombi and G. Vittadini), *Health Economics* 26, 5-22.  
 “The impact of technology progress on aviation noise and emission” (with M. Grampella, P.K. Lo and D. Scotti), *Transportation research Part A* 103, 525-540.  
 “The redistributive effects of copayment in outpatient prescriptions: evidence from Lombardy” (with P. Berta, R. Levaggi and S. Verzillo), *BMC Health Service Research* 17, 336-346.  
 “Determinants of airports’ environmental effects” (with M. Grampella, D. Scotti, F. Tassan and G. Zambon), *Transportation Research Part D* 50, 327-344.  
 “Fare elasticities of demand for direct and indirect flights in sub-Saharan Africa” (with K. Button, D. Scotti and N. Volta), *Applied Economics Letters* 24, 523-526.
- 2016 “The association between asymmetric information, hospital competition and quality of health-care” (with P. Berta, F. Moscone and G. Vittadini), *Journal of the Royal Statistical Society-Series A (Statistics in Society)* 179, 907-926.  
 “Baggage Fees, Operational Performance and Customer Satisfaction in the US Air Transport Industry” (with M. Dresner and D. Scotti), *Journal of Air Transport Management* 55, 139-146.  
 “The factors affecting pollution and noise environmental costs of the current aircraft fleet: An econometric analysis” (with M. Grampella, D. Scotti and G. Zambon), *Transportation Research Part A* 92, 310-325.  
 “Impacts of the Arab Spring on trade in airline services” (with K. Button and D. Scotti), *Applied Economics Letters* 23, 532-535.

- 2015 "African Decolonization and Air Transportation" (with K. Button and D. Scotti), *Journal of Transport Economics and Policy* 49, 626-639.
- "Economic factors affecting the registration of lower CO<sub>2</sub> emitting aircraft in Europe" (with K. Button, A. Brugnoli and D. Scotti), *Transportation Research Part D* 38, 117-124.
- "Connecting African urban areas: airline networks and intra-Sub-Saharan trade" (with K. Button, A. Brugnoli and D. Scotti), *Journal of Transport Geography* 42, 84-89.
- "Crescita e sostenibilità ambientale degli aeroporti italiani dopo la liberalizzazione del settore" (with D. Scotti), *Statistica e Società* 34-38.
- 2014 "The effectiveness-efficiency trade-off in health care: the case of hospitals in Lombardy" (with P. Berta, J. Mullahy and G. Vittadini), *Regional Science and Urban Economics* 49, 217-231.
- "Closed-Skew Normality in Stochastic Frontiers with Individual Effects and Long/Short Run Efficiency" (with R. Colombi, S. Kumbhakar and G. Vittadini), *Journal of Productivity Analysis* 42, 123-136.
- "Incorporating negative externalities into productivity assessments of US airports" (with M. Dresner, D. Scotti and C. Yu), *Transportation Research Part A* 62, 39-53.
- "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" (with A. Compare, C. Zarbo, E. Marin, A. Meloni, J.A. Rubio-Arias, R. Berenguì, E. Grossi, E. Shonin and P.E. Alcatraz), *Trials* 15, 177-182.
- "Il costo sociale della mobilità: un'applicazione al sistema locale di Bergamo" (with P.L. Lo, D. Scotti and S. Semperboni), *Statistica e Società* 1, 34-37.
- "Igiene e infezioni ospedaliere: un nesso quantificabile" (with G. Vittadini), *Statistica e Società* 2, 24-29.
- "Determinants of total factor productivity in former Soviet Union Economies: A stochastic frontier approach" (with A. Arazmuradov and D. Scotti), *Economic Systems* 38, 115-135.
- 2013 "Including local air pollution in airport efficiency assessment: A hyperbolic stochastic approach" (with D. Scotti and N. Volta), *Transportation Research Part D* 24, 27-36.
- "Measuring the environmental efficiency of the global aviation fleet" (with N. Adler and N. Volta), *Transportation Research Part B* 53, 82-100.
- "The influence of fleet mix, ownership and LCCs on airports' technical/environmental efficiency" (with A. Manello and D. Scotti), *Transportation Research Part E* 50, 37-52.
- 2012 "The effect of a law limiting upcoding on hospital admissions: Evidence from Italy" (with P. Berta, G. Callea and G. Vittadini), *Empirical Economics* 2, 563-582.
- "The impact of airport competition on technical efficiency: A Stochastic Frontier Analysis applied to Italian airports" (with P. Malighetti, D. Scotti and N. Volta), *Journal of Air Transport Management* 22, 9-15.
- 2011 "Irreversible R&D investment with inter-firms spillovers" (with G. Femminis), *Journal of Economic Dynamic and Control* 35, 1061-1090.
- 2010 "First Mover Advantage in a Dynamic Duopoly with Spillover" (with G. Femminis), *The B.E. Journal of Theoretical Economics (Contributions)* 10, article 49.
- "Spillovers, disclosure lags, and incentives to innovate. Do oligopolies over-invest in R&D?" (with G. Femminis), *Rivista Internazionale di Scienze Sociali* 118, 47-76.
- "Potere di mercato e distribuzione dei profitti nella filiera del trasporto aereo" (with D. Scotti), *Mercato Concorrenza e Regole*, 10, 173-210.
- "The impact of Upcoding, Cream Skimming and Readmissions on the Italian hospitals efficiency: A population-based investigation" (with P. Berta, G. Callea and G. Vittadini), *Economic Modelling* 27, 812-821.

- 2007 “Strategic Choice between Process and Product Innovation under Different Competitive Regimes” (with L. Filippini), *International Journal of Game Theory* 12, 139-159.
- 2007 “An empirical investigation on the efficiency, capacity and ownership of Italian airports” (with P. Malighetti, S. Paleari and R. Redondi), *Rivista di Politica Economica* 47, 157-188.
- 2004 “Antitrust Policy and Price Collusion: Public Agencies versus Delegation” (with C. Rovesti), *Recherches Economiques de Louvain- Louvain Economic Review* 70, 127-151.
- 2003 “Relazioni verticali e determinazione del prezzo nella distribuzione di carburanti in Italia” (with G. Colangelo), *Rivista di Politica Economica* 93, 113-153.
- “Complexity and Individual Rationality in a Price-setters Supergame: An Experimental Study”, *Researches in Economics* 57, 345-370.
- “Tacit Collusion and Non-Uniform Prices”, *Australian Economic Papers*, 42, 1-17.
- 2000 “Price Competition with Discounting and Kinked Demand: An Experimental Study”, *Rivista Internazionale di Scienze Sociali* 108, 377-408.
- 2000 “Cultura della concorrenza, identificazione di un’intesa implicita, merger guidelines”, *Economia e Politica Industriale*, 99, 207-219.
- 1998 “La politica della concorrenza: fatti stilizzati, teoria, evidenza empirica italiana”, *Rivista Internazionale di Scienze Sociali*, 106, 327-354.
- 1996 “Intese esplicite e restrizioni verticali: il caso SIPAC”, *Economia e Politica Industriale* 91, 183-211.
- 1995 “Politica Antitrust e informazione asimmetrica: un equilibrio sequenziale”, *Economia Politica* 12, 423-444.
- 1994 “Testing Different Theories: An Experimental Approach to Bargaining Games”, *Rivista Internazionale di Scienze Economiche e Commerciali* 42, 163-188.
- 1993 “Oligopolio collusivo tacito ed equilibri con instabilità nel prezzo”, *Il Giornale degli Economisti e Annali di Economia* 52, 161-178.
- 1992 “La relazione profittabilità – concentrazione nell’industria manifatturiera italiana: un modello ad equazioni simultanee”, *L’Industria* 13, 685-701.
- 1987 “Interpretazioni dello sviluppo industriale del Mezzogiorno: contraddizioni e tendenze emergenti negli anni ottanta”, *Rivista Internazionale di Scienze Sociali* 95, 477-510.

## BOOKS

- 2021 *Air transport and regional development methodologies* (edited by A. Graham, N. Adler, O. Betancor, V. Bilotkach, E.J. Calderón, G. Martini, H.-M. Niemeier, and A.P. Antunes), London and New York: Routledge-Taylor & Francis Group.
- Air transport and regional development policies* (edited by A. Graham, N. Adler, O. Betancor, V. Bilotkach, E.J. Calderón, G. Martini, H.-M. Niemeier, and A.P. Antunes), London and New York: Routledge-Taylor & Francis Group.
- Case studies in air transport and regional development* (edited by A. Graham, N. Adler, O. Betancor, V. Bilotkach, E.J. Calderón, G. Martini, H.-M. Niemeier, and A.P. Antunes), London and New York: Routledge-Taylor & Francis Group.
- 2018 *The Economics and Political Economy of African Air Transport* (edited with K. Button and D.Scotti), New York: Routledge-Taylor & Francis Group.
- 2016 *Sussidiarietà e politiche industriali* (edited with P. Garrone, ), Milao: Fondazione per la Sussidiarietà.
- 2015 *Sussidiarietà e spesa pubblica* (edited), Milan: Fondazione per la Sussidiarietà.
- 1999 *Razionalità individuale e decisioni strategiche. Problemi di Microeconomia* (with G. Femminis),

Turin: Giappichelli Editore.

1989 *Indicatori economici ed economie locali* (with E. Pontarollo), Rome: Istituto Tagliacarne.

#### OTHER PUBLISHED PAPERS

- 2021 "How to estimate the social costs of airport negative externalities: a case study on Milan Bergamo airport" (with M. Grampella and D. Scotti), in (edited by A. Graham, N. Adler, O. Betancor, V. Bilotkach, E.J. Calderón, G. Martini, H.-M. Niemeier, and A.P. Antunes), London and New York: Routledge-Taylor & Francis Group.
- "Econometric approaches to the study of air transport impacts on regional development: main methods and results" (with A.P. Antunes), in (edited by A. Graham, N. Adler, O. Betancor, V. Bilotkach, E.J. Calderón, G. Martini, H.-M. Niemeier, and A.P. Antunes), London and New York: Routledge-Taylor & Francis Group.
- "The evolution of regional air transport connectivity in Europe: A comparison between remote and central areas, in *Case studies in air transport and regional development* (edited by A. Graham, N. Adler, O. Betancor, V. Bilotkach, E.J. Calderón, G. Martini, H.-M. Niemeier, and A.P. Antunes), London and New York: Routledge-Taylor & Francis Group.
- 2018 "The African air transport network" (with K. Button and D. Scotti), in *The Economics and Political Economy of African Air Transport* (edited by K. Button and D. Scotti), New York: Routledge-Taylor & Francis Group.
- "Air transport in Africa" (with D. Scotti), in *Air Transport Liberalization: A Critical Assessment* (edited by K. Button and D. Finger), Cheltenham (UK) and Northampton (US): Edgar Elgar Publishing Ltd.
- 2016 "Personalità dell'imprenditore e risultati d'impresa: alcuni interrogativi per la teoria dell'impresa e per le politiche pubbliche" (with P. Garrone), in *Sussidiarietà e politiche industriali* (edited by P. Garrone and G. Martini), Milan: Fondazione per la Sussidiarietà.
- "Caratteristiche dell'imprenditore e risultati d'impresa: obiettivi dell'indagine" (with P. Garrone and T. Minola), in *Sussidiarietà e politiche industriali* (edited by P. Garrone and G. Martini), Milan: Fondazione per la Sussidiarietà.
- 2015 "Spesa pubblica e sussidiarietà" (with M. Trabucchi), in *Sussidiarietà e spesa pubblica* (edited by G. Martini), Milan: Fondazione per la Sussidiarietà.
- "La spesa pubblica in Italia" (with D. Scotti), in *Sussidiarietà e spesa pubblica* (edited by G. Martini), Milan: Fondazione per la Sussidiarietà.
- "Il dettaglio della spesa pubblica in Italia: il modello centralizzato è l'unico adottabile?", in *Sussidiarietà e spesa pubblica* (edited by G. Martini), Milan: Fondazione per la Sussidiarietà.
- "Sussidiarietà verticale e crescita: un nesso quantificabile" (with G. Turati), in *Sussidiarietà e spesa pubblica* (edited by G. Martini), Milan: Fondazione per la Sussidiarietà.
- 2010 "Le politiche per la concorrenza e per l'industria tra l'Italia e l'Europa" (with G. Colangelo), in *Le politiche industriali alla prova del futuro: analisi per una strategia nazionale*, (edited by P. Bianchi and C. Pozzi), Bologna (I): Il Mulino.
- 2008 "Teoria economica e razionalità" (with R. Palmieri and E. Rigotti), *Atlantide*, 14, 73-78.
- "La struttura produttiva" (with G. Callea), in *Il futuro del territorio* (edited by G. Dossena and S. Paleari), Bergamo (I): Bergamo University Press.
- 2007 "Sussidiarietà e modello economico: la specificità italiana", in *Che cos'è la sussidiarietà: un altro nome della libertà* (edited by G. Vittadini), Milan: Guerini e associati.
- 2005 "Investimento in capitale umano e sviluppo imprenditoriale" (with G. Femminis), in *Capitale umano: la ricchezza dell'Europa* (edited by G. Vittadini), Milan: Guerini e associati.

- 1998 “Struttura dimensionale dell’industria italiana e politica della concorrenza” (with M. Grillo), in *Fare ricerca economica e sociale: scritti per i 25 anni dell’IRS in ringraziamento al primo presidente Pippo Ranci*, Milan: IRS.
- 1989 “Distretti industriali e tessuti economici circostanti: il caso di Como” (with E. Pontarollo), in *Distretti e sistemi produttivi alla soglia degli anni ’90* (edited by F. Gobbo), Milan: Franco Angelo.

## Working papers

- “The social costs of airport noise: A simplified methodology based on standards” (with G. Andreana, M. Grampella and D. Scotti).
- “Airline Competition and LCCs in the North Atlantic Market” (with M. Dresner, A. Gualini and M. Valli).
- “Patient inter-regional mobility, beaten path migration and hospital quality in the Italian NHS” (with P. Berta, D. Spinelli and G. Vittadini)

## Invited lectures and keynotes

- 2021 “Benchmarking in air transportation”, ENAC Toulouse.
- “Competition and cooperation among airlines”, C-MAT University of Antwerp.
- 2020 “Airport benchmarking”, GARS Summer School online.
- 2019 “The role of government in aviation: regulation or deregulation?”, Antwerp Transport Colloquium.
- 2018 “Stochastic frontier analysis”, ATARD COST Training School, Poznan.
- 2017 “The Italian airport system: performances and trends”, Policy Forum on South Korean airports, Daegu.
- 2015 “Aviation contribution to trade”, Antwerp Transport Colloquium.

## Conference presentations

- 2020 61st SIE Conference, online.  
XXI SIET Conference, online.  
XIX SIEPI Workshop, Venice.  
1st SOAR Workshop, Oporto.
- 2019 1st AMEC, Vienna.  
XX SIET Conference, Bologna.  
2019 ATRS Conference, Amsterdam.  
COST ATARD Workshop, Las Palmas.  
XVIII SIEPI Workshop, Rome.
- 2018 COST ATARD Workshop, Poznan.  
VI Health Econometrics Workshop, Bergamo.  
2018 ATRS Conference, Seoul.  
COST ATARD Workshop, Ruse.  
XVII SIEPI Workshop, Ferrara.
- 2017 COST ATARD Workshop, Dublin.  
XVI SIEPI Workshop, Palermo.



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|      | COST ATARD Workshop, Bergamo.                                                           |
|      | 2017 ATRS Conference, Antwerp.                                                          |
|      | XVIII SIET Conference, Bari.                                                            |
| 2016 | COST ATARD Workshop, Ponta Delgada.                                                     |
|      | 14 <sup>th</sup> Annual International Industrial Organization Conference, Philadelphia. |
|      | 2016 ATRS Conference, Rhodes.                                                           |
|      | GARS Workshop, Aviation in Africa, Bremen.                                              |
|      | V Health Econometrics Workshop, Bari.                                                   |
|      | EAC Conference, Amsterdam.                                                              |
|      | XIV SIEPI Workshop, Florence.                                                           |
| 2015 | XIII SIEPI Workshop, Milan.                                                             |
|      | 79 <sup>th</sup> International Atlantic Economic Society Conference, Milan.             |
|      | NECTAR Cluster #1 Meeting, Cranfield.                                                   |
|      | COST Association Meeting on Aviation contribution to regional development, Amsterdam.   |
|      | 2015 ATRS Conference, Singapore.                                                        |
| 2014 | XXI Worskshop SIEPI, Naples.                                                            |
|      | 2014 ATRS Conference, Bordeaux.                                                         |
|      | IV Health Econometrics Workshop, Padova.                                                |
|      | Society of Economic Geography, London.                                                  |
|      | XV SIET Conference, Florence.                                                           |
| 2013 | 2013 ATRS Conference, Bergamo.                                                          |
|      | International Panel Data Conference, London.                                            |
|      | 54 <sup>th</sup> SIE Conference, Bologna.                                               |
| 2012 | 2012 ATRS Conference, Taiwan.                                                           |
|      | International Panel Data Conference, Paris.                                             |
|      | III Health Econometrics Workshop, Siena.                                                |
| 2011 | EWEPa 2011, Verona.                                                                     |
|      | DEA Conference, Thessaloniki.                                                           |
| 2010 | VIII International Industrial Organization Conference, Vancouver.                       |
|      | II Health Econometrics Workshop, Rome.                                                  |
|      | 2010 ATRS Conference, Porto.                                                            |
|      | GARS Workshop, Dresden.                                                                 |
| 2009 | VII International Industrial Organization Conference, Boston.                           |
|      | Swiss Industrial Organization Day Bern.                                                 |
|      | Workshop on Industrial Organization: Theory, Empirics and Experiments, Lecce.           |
|      | XX Riunione Scientifica Annuale AIIG, Udine.                                            |
| 2008 | VI International Industrial Organization Conference, Washington.                        |
|      | III Kuhmo-Nectar Conference, Amsterdam.                                                 |
|      | 35 <sup>th</sup> Annual EARIE Conference, Toulouse.                                     |
|      | 1 <sup>st</sup> Health Econometrics Workshop, Milan.                                    |
| 2007 | Annual Meeting Swiss Society of Economics and Statistics, St. Gallen.                   |
|      | V International Industrial Organization Conference, Savannah.                           |
|      | 34 <sup>th</sup> EARIE Conference, Valencia.                                            |
| 2006 | Annual Meeting Swiss Society of Economics and Statistics, Lugano.                       |
| 2005 | XVI Riunione Annuale AIIG, Bergamo.                                                     |
|      | 32 <sup>nd</sup> Annual EARIE Conference, Porto.                                        |
| 2004 | 31 <sup>st</sup> Annual EARIE Conference, Berlin.                                       |

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| 2003 | 7th EUNIP Annual Conference, Porto.                                                                                                                |
| 2002 | 6th EUNIP Annual Conference, Turku.<br>Workshop on Innovation and Regulation, Bergamo.                                                             |
|      | 29th EARIE Conference, Madrid.                                                                                                                     |
| 2001 | 28th EARIE Conference, Dublin.                                                                                                                     |
| 2000 | Workshop on Economics and Philosophy, Bergamo.<br>28th EARIE Conference, Lausanne.<br>Workshop on Innovation and Product Differentiation, Bergamo. |
| 1999 | 26th EARIE Conference, Turin.<br>Conference on Strategic Rationality in Economics, Rimini.                                                         |
| 1998 | Conferenza Annuale di discussione sulla Relazione dell'attività dell'Autorità Garante della Concorrenza e del Mercato, Milan.                      |
| 1997 | XI Italian Conference on Game Theory and Applications, Milan.                                                                                      |
| 1996 | 23rd EARIE Conference, Vienna.<br>IV Conferenza Italiana di Economia Sperimentale, Naples.                                                         |
| 1993 | VII Italian Conference on Game Theory and Applications, Genoa.<br>I Conferenza Italiana di Economia Sperimentale, Siena.                           |
| 1992 | VI Italian Conference on Game Theory and Applications, Pisa.                                                                                       |