

Claudio A. G. Piga

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Work Contact

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Nationality: Italian (born in Sassari)

Employment

Current Position

Sept13-to date **Professor of Economics**, Keele University

Previous Positions

Mar07-Aug13 **Reader**, School of Business and Economics, Loughborough University
Jan05-Feb07 **Senior Lecturer**, Department of Economics, Loughborough University
Jan99-Dec04 **Lecturer**, Business School, University of Nottingham
Sep98-Dec98 **Lecturer**, Dept of Economics, University of Hull
Sep97-Aug98 **Royal Economics Society Teaching Fellow**, Dept of Economics, University of York
1992-93 *Research Fellow*, Centro Nazionale per la Ricerca (CNR), University of Sassari
Various *Sessional Lecturer* at Aston University Business School (2004), University of Bergamo (1999-2001), University of Sassari (2002-2005) and University of Bologna-Rimini (2008)

Education

1995-99 *D.Phil in Economics*, Department of Economics, University of YORK,
1994-97 *Dottorato - PhD in Economics*, University of Rome - Tor Vergata.
1991-92 *M.Sc in Economics*, Coripe Piemonte, University of TURIN
1987-91 *Laurea in Scienze Politiche - (BSc in Economics with Politics)*, University of SASSARI, Italy
final mark: 110/110 e lode (Summa cum Laude)

Teaching experiences

In current position

Advanced Topics in Microeconomics (3Yr UG); ***Industrial Organization*** (3Yr UG); ***Financial Modelling (MSc)***.

In other Institutions

Microeconomics (MSc, Lboro); *Game Theory* (MSc, Lboro); *Developments in Microeconomics* (3 Yr UG, Lboro).; *Economics of Leisure and Tourism* (2Yr UG, Lboro); *Microeconometrics for Tourism* (Rimini); *Economics of Tourism* (Hull, Bergamo and Sassari); *Industrial Organization* (3Yr UG, Nottingham and York); *Economics of Organization* (2Yr UG, Nottingham); *The Digital Economy*, (1-2-3 Yr UG, Nottingham), *Intermediate Microeconomics* (2Yr UG, Aston).

Administrative duties

Keele Management School - Head of the Economics and Finance group.

In previous positions

i) *Programme Director*, UG Economics Degree Programmes; ii) Professional Development Reviewer; iii) Member of the Learning and Teaching Committee; iv) Member of the Software Committee. v) Manager of on-line working papers using the REPEC system: <http://ideas.repec.org/s/lbo/lbowps.html>

Research Grants and Projects

1. **Scientific Advisor:** *Department for Business Innovation and Skills*; project “Investigating external and private benefits from investments in skills and training: UK innovators study”. Completed: December 2014.
2. *The Leverhulme Trust*, Research Grant RPG-051: £37161. Principal Investigator.
“Evaluating the relationship between price dispersion and competition intensity in the airline industry using the UK International Passenger Survey”.
Starting date: 1st September 2011. Completed.
3. *The Leverhulme Trust*, Research Fellowships RF/7/RFG/2007/0022: £19,500. Principal Investigator.
“Pricing and Yield Management by a low cost airline”. Started Sept. 2007, Ended Dec. 2008.
4. *British Academy*, Small Grant SG/45975: £7,500. Principal Investigator.
“Creation of an Airlines’ Entry and Exit database”. Involved the hiring of a Research Assistant for 3 months. Ended October 2007.
5. *British Academy*, 2007 Overseas Conference Travel Grant, £400.
6. *British Academy*, 2003 Larger Research Grants: £11,663. Principal Investigator.
“Pricing strategies in low cost airlines segment of the European Civil Aviation market”. Involved the hiring of a Programmer to develop a software to retrieve airline data from the Internet.
7. *University of Nottingham*, 2001 New Lecturers’s Fund. £10,000.

External Collaborations

External Examiner: MBA, Imperial College, Business School, 2011-2015; UG, Leeds University Business School, 2011-2015; UG, Newcastle University Business School, 2007-2011.

External affiliation: **Senior Fellow and Chair of Tourism Economics Study Group**, Rimini Centre for Economic Analysis.

Publications - Journal Articles

ISI Web of Science N. Citations=289 (based on 27 articles) h-index=10; Google Scholar N. Citations=1575 h-index=22

43. Mantovani, A., **C. A. Piga** and Reggiani, C. (2018) “On the effects of price parity clauses - what do we know three years later”, *Journal of European Competition Law and Practice*, forthcoming
42. Melis, G and **C. A. Piga** (2017) “Are all hotel prices created dynamic? An empirical assessment”, *International Journal of Hospitality Management*, 67,163-173. <https://doi.org/10.1016/j.ijhm.2017.09.001>

41. Bottasso A., Bruno M., Conti M. and **C. A. Piga** (2017) "Competition, vertical relationship and countervailing power: empirical evidence from the UK airport industry", *Journal of Regulatory Economics*, 52(1),37-62. /dx.doi.org/10.1007/s11149-017-9332-z
40. Giovannetti, E., and **C. A. Piga** (2016). "The Contrasting Effects of Active and Passive Cooperation on Innovation and Productivity: Evidence from British Local Innovation Networks ", 2017, *International Journal of Production Economics*, 187 (May), 102-112, /dx.doi.org/10.1016/j.ijpe.2017.02.013 - 3* **CABS**
39. Alderighi, M., Nicolini, M., and **C. A. Piga** (2016). "Targeting leisure and business passengers with unsegmented pricing", 2016, *Tourism Management*, 54, 502-514, dx.doi.org/10.1016/j.tourman.2015.12.014 - 4* **CABS**
38. Alderighi, M., Nicolini, M., and **C. A. Piga** (2015). "Combined Effects of Capacity and Time on Fares: Insights from the Yield Management of a Low-Cost Airline", *Review of Economics and Statistics*, 97(4), 900-915, dx.doi.org/10.1162/REST_a_00451 - 4* **CABS**
37. Alderighi M., Gaggero A. and **C. A. Piga** (2015). "The Effects of Code-Share agreements on the temporal profile of airline fares", *Transportation Research, Part A. Policy and Practice*.79, 42-54. dx.doi.org/10.1016/j.tra.2015.03.023 - 3* **CABS**
36. Bilotkach, V., Gaggero, A. and **C. A. Piga** (2015). "Airline Pricing under Different Market Conditions: evidence from European Low Cost Carriers", *Tourism Management*, 47, 152-163. dx.doi.org/10.1016/j.tourman.2014.09.015 - 4* **CABS**
35. Alderighi, M. and **C. A. Piga** (2014). "Market Selection, Heterogeneity and Entry in Liberal Professions", *Journal of Economics and Management Strategy*, 23(4),925-951. dx.doi.org/10.1111/jems.12074.
34. Medda, G. and **C. A. Piga** (2014). "Technological Spillovers and Productivity in Italian Manufacturing Firms", *Journal of Productivity Analysis*, 41(3), 419-434. dx.doi.org/10.1007/s11123-013-0351-1
33. Bottasso, A., Conti, M. and **C. A. Piga** (2013). "Low Cost Carriers and Airports Performance: Empirical Evidence from a panel of UK Airports", *Industrial and Corporate Change*. 22(3), 745-769. dx.doi.org/10.1093/icc/dts033
32. Dobson, P. and **C. A. Piga** (2013). "The Impact of Mergers on Fares Structure: Evidence from European Low-Cost Airlines", *Economic Inquiry*, 51(2), 1196-1217. dx.doi.org/10.1111/j.1465-7295.2011.00392.x
31. Alderighi, M. and **C. A. Piga** (2012). "Localized Competition, Heterogeneous Firms and Vertical Relations", *Journal of Industrial Economics*, 60(1), 46-74, dx.doi.org/10.1111/j.1467-6451.2012.00472.x
30. Gaggero, A. and **C. A. Piga** (2011). "Airline Market Power and Intertemporal Price Dispersion", *Journal of Industrial Economics*,59(4), 552-577,dx.doi.org/10.1111/j.1467-6451.2011.00467.x
29. Bachis, E. and **C. A. Piga** (2011). "Low-Cost Airlines and online Price Dispersion", *International Journal of Industrial Organization*. 26(6), 655-677. dx.doi.org/10.1016/j.ijindorg.2011.02.006
28. Alderighi, M., Cento A and **C. A. Piga** (2011) "A case study of pricing strategies in European Airline Markets: the London - Amsterdam route", *Journal of Air Transport Management*, 17(6):369-373, dx.doi.org/10.1016/j.jairtraman.2011.02.009
27. Alderighi, M. and **C. A. Piga** (2010). "On cost restrictions in spatial competition models with heterogeneous firms", *Economics Letters*, 108(1):40-42. dx.doi.org/10.1016/j.econlet.2010.03.018
26. Gaggero, A. and **C. A. Piga** (2010). "Airline Competition in the British Isles", *Transportation Research Part E*, 46:270-279.
25. Alderighi, M. and **C. A. Piga** (2010). "On-line Booking and Revenue Management: Evidence from a Low-Cost Airline", *Review of Economic Analysis*, 2(3):272-286.

24. Alderighi, M. and C. A. Piga (2008). "Why Should a Firm Choose to Limit the Size of its Market Area", *Regional Science and Urban Economics*, 38(2): 191-201.
dx.doi.org/10.1016/j.regsciurbeco.2008.01.002
23. Gil-Molto, M. and C. A. Piga (2008). "Entry and Exit by European Low Cost and Traditional Carriers", *Tourism Economics*, 14(3):577-598.
22. Gil-Molto, M. and C. A. Piga (2007). "Entry and Exit in a Liberalised Market", *Rivista di Politica Economica*, Jan-Feb., XCVII:3-38.
21. Piga, C.A. and G. Atzeni (2007). "R&D investment, Credit Rationing and Sample Selection", *Bulletin of Economic Research*, 59(2):149-178.
20. Bachis, E. and C. A. Piga (2006). "Hub Premium, Airport Dominance and Market Power in the European Airline Industry", *Rivista di Politica Economica*, Sept-Oct., XCVI:11-54
19. Medda, G., Siegel, D. and C. A. Piga (2006). "Assessing the returns to Collaborative Research: Firm-level evidence from Italy", *Economics of Innovation and New Technology*, 15(1):37-50.
18. Medda, G., Siegel, D. and C. A. Piga (2005). "University R&D and Firm Productivity: Evidence from Italy", *The Journal of Technology Transfer*, 30(1-2):199-205.
17. Piga, C. A. and J. Poyago-Theotoky (2005). "Endogenous R&D Spillovers and Locational Choice", *Regional Science and Urban Economics*, 35:127-139
16. Piga, C. A., Piva, M. and M. Vivarelli (2004). "Il triangolo competitivo: innovazione, organizzazione e lavoro qualificato", *L'Industria*, N. 4, 655-674.
15. Piga, C. A. and M. Vivarelli (2004). "Cooperation in R&D and Sample Selection", *Oxford Bulletin of Economics and Statistics*, 66(4):457-482.
14. De Fraja, G. and C. A. Piga (2004). "Strategic Debt in Vertical Relationships: Theory and Evidence", *Research in Economics*, 58(2):103-123.
13. Piga, C. A. and J. Poyago-Theotoky (2004). "Endogenous R&D Spillovers and Locational Choice with discriminatory pricing", *Managerial and Decision Economics*, 25:157-161.
12. Piga, C. A. (2003). "Pigouvian Taxation in Tourism", *Environmental and Resource Economics*, 26(3):343-359. Reprinted in Dwyer, L. and Seetaram, N. (eds), 2013, *Recent Developments in the Economics Of Tourism*, Vol. 1, ch. 26.
11. Piga, C. A. and M. Polo (2003). "Il giro del mondo in 80 euro. Liberalizzazione e compagnie aeree a basso costo", *Mercato Concorrenza Regole*, 5(2):281-296
10. Piga, C. A. (2003). "Territorial Planning and tourism development tax", *Annals of Tourism Research*, 30(4):886-905.
9. Piga, C. A. and M. Vivarelli (2004). "Sample Selection in Estimating the Determinants of Cooperative R&D", *Applied Economics Letters*, 10:243-246.
8. Filatotchev, I., Demina N. and C. A. Piga (2002). "Network Positioning and R&D Activity: A Study of Italian Groups", *R&D Management*, 33(1):37-48.
7. Filippi, N. and C. A. Piga (2002). "Booking and Flying with Low Cost Airlines", *International Journal of Tourism Research*, 4:237-249.
6. Piga, C. A. (2002). "Debt and Firms' Relationships: The Italian Evidence", *Review of Industrial Organization*, 20(3):267-282.
5. Piga, C. A. (2002). "Corporate Social Responsibility: A theory of the firm perspective. A few comments and some suggested extensions.", *Academy of Management Review*, 27(1):13-15.
4. Piga, C. A. (2000). "Competition in a duopoly with sticky price and advertising", *International Journal of Industrial Organization*, 18(4):595-614.

3. **Piga, C. A.** (1998). "A Dynamic model of Advertising and Product Differentiation", *Review of Industrial Organization*, 13(5):509-522.
2. **Piga, C. A.** and M. Vivarelli (1998). "Una Prima Valutazione del Sostegno alla Nascita delle Piccole Imprese attuato tramite la legge 44/86", *Economia e Diritto del Terziario*, n.1:191-216.
1. **Piga, C. A.** (1995). "Un'analisi Empirica delle Scelte Organizzative in un Campione di Piccole e Medie Imprese di Successo", *Economia e Politica Industriale*, n.88, pp.179-197;

Book Chapters and Report

- Piga, C. A.** and E. Giovannetti (2014), "Private and External benefits from investment in intangible assets", UK Business Innovation and Skills Department, Research paper N. 203, ref: BIS/14/1270
- Piga, C. A.** and E. Bachis (2007), "Pricing strategies by European traditional and low cost airlines: or, when is it the best time to book on line?", in Lee, D. (ed.), *Advances in Airline Economics. The Economics of Airline Institutions, Operations and Marketing*. Elsevier, ch. 10, 319-344.
- Piga, C. A.** (2000), "Strategic Taxation in Tourism", in APDR (Ed.), *Tourism Sustainability and Territorial Organisation: XII Summer Institute of the European Regional Science Association*, ISBN: 972-97825-6-3

Submitted and work in progress

- "The hidden side of pricing algorithms in airline markets", (with Alderighi M. and Gaggero A.), submitted to *Economic Journal*, WP N. 76977, Munich Personal RePec Archive, <https://mpra.ub.uni-muenchen.de/76977/>
- "Hotels and new online strategies: the case of discounts on Booking.com", (with Mantovani A, Reggiani C. and Shevtsova, Y), to be submitted to a special issue of Strategic Management Journal.
- "Assessing the impact of the 2016 Football European Cup on Paris hotels", (with Nicolini, M), work in progress.
- "Uniform, dynamic and discriminatory pricing in airline markets", (with Alderighi M. and Gaggero A), work in progress.
- "Hotels, online travel agencies and price parity clauses: the Booking.com case.", (with Mantovani A and Reggiani C), work in progress.
- "Network pricing in Southwest flights.", (with Alderighi M, Escobari D and Gaggero A), work in progress.
- "Testing the impact of festival events on hotel prices and load factors", (with Melis G and Bisignano A.), work in progress.

PhD Supervision

Albert Chuma	"Reforming the UK elderly care industry", Keele PhD candidate. Expected completion: 2020 (part time).
Young Yun Lee	"The Efficiency of UK Airports", MPhil dissertation. Degree awarded. December 2009.
Enrico Bachis	"Price Competition and Price Dispersion among UK-based Low Cost Airlines", PhD dissertation. Degree awarded.
Giuseppe Medda	"Essays on the relationship between R&D activity and firm productivity", PhD dissertation. Degree awarded.

PhD Vivas

Margo Ogonowska	External Examiner - University of Nice, France, Dec. 2013
Ann Marsden	External Examiner - University of Tasmania, Australia, Nov. 2011
Priit Vather	External Examiner - University of Nottingham, Dept. of Economics, Feb. 2010
Vasilis Zykos	Internal Examiner - Loughborough University, Dept. of Economics, March 2009

Ece Turgut-Brett
Malcom Brady

Internal Examiner - Loughborough University, Dept. of Economics, Jan 2006
External examiner - Lancaster University Management School, April 2005

Awards and other Esteem Indicators

"Targeting leisure and business passengers with unsegmented pricing", Winner of the Best Paper Award at the Eurasian Economic Business Society, Venice, 2015;

Younger Scholar Best Paper Award by the Industrial Organization Society for the 2002 article on Review of Industrial Organization.

Editorial Board membership: i) *EURASIAN BUSINESS REVIEW* ii) *Advances in Airline Economics*, Emerald.

Organiser: "Conference on the Economics and Management of Travel and Tourism", Rimini, November 29-30 2011; "UK Network of Industrial Economists Meeting", Loughborough, June 27th 2008.

Editor, Special Issue on "The Liberalization of the European Civil Aviation Industry: Economic and Policy Implications.", *Rivista di Politica Economica*

Referee for Review of Economics and Statistics; *Journal of Industrial Economics*; *Journal of the European Economic Association*; *Journal of Urban Economics*; *Transportation Research Part A*; *Transportation Science*; *Journal of Public Economic Theory*; *Journal of Industry, Competition and Trade*; *International Journal of Industrial Organization*; *Economic Record*; *Journal of Productivity Analysis*; *Regional Science and Urban Economics*; *Environmental and Resource Economics*; *Small Business Economics*; *Economics of Innovation and New Technology*; *Journal of Technology Transfer*; *Bulletin of Economic Research*; *Review of Industrial Organization*; *Oxford Economic Papers*; *Management Science*; *Southern Economic Journal*; *Economic Theory*; *International Tax and Public Finance*; *Oxford Bulletin of Economics and Statistics*.

Invited Talks

"Advances in online Revenue Management by Airlines", University of Paris 1, 6th December 2016,

"Revenue Management of Airlines and Hotels", Bournemouth University, November 2016,

"Yield Management in Theory and Practice"; *Rimini Lectures in the Economics of Tourism*, April 2009.

"Mergers and Business Model Assimilation: Evidence from Low-Cost Airlines Takeovers", *Competition Commission*, London, Network of Industrial Economists Conference, December 2008

"On-Line Price Discrimination with and without arbitrage opportunities", *Hermes Ricerche, University of Turin (Italy)*, workshop "Which future for the Civil Aviation Industry?".

"On-Line Price Discrimination with and without arbitrage opportunities", *ZEW Mannheim (Germany)*, Workshop on "ICT and Firms' Strategies", 6-7 Oct. 2006.

"On the relationship between R&D and Productivity: a Treatment Effect analysis", *University of Bologna*, Workshop on "Innovation, Employment and Economic Growth", 28-29 November 2003.

Papers presented at Conferences since 2002

"The hidden side of dynamic pricing in airline markets". Royal Economic Society Conference, Bristol UK, April 2017; International Industrial Organization Society, Philadelphia, 2016; EARIE conference, Lisbon, 2016, *"Targeting leisure and business passengers with unsegmented pricing"*, Eurasian Economic Business Society, Venice, 2015;

"Competition, vertical relationship and countervailing power: empirical evidence from the UK airport industry", *Jornadas Economia Industriale*, Alicante, 2015.

"Fares, Load Factors and Yield Management: Evidence from a Low-Cost Airline", International Industrial Organization Society, Boston, 2013; IATE Conference in Tourism, Bournemouth, July 2011; and European Association for Research in Industrial Economics (EARIE) Conference, Istanbul, 2010.

"Market Selection, Heterogeneity and Entry in Liberal Professions", EARIE Conference, Stockholm, Sept. 2011; and International Industrial Organization Society, Vancouver, 2010.;
"Mergers and Business Model Assimilation: Evidence from Low-Cost Airline Takeovers", EARIE, Toulouse, 2008; and International Industrial Organization Society, Boston, 2009.
"Low-Cost Airlines and online Price Dispersion", International Industrial Organization Society, Savannah (USA), 2007; and Royal Economic Society, Warwick (UK); and SOEGW, Rimini, September 2006.
"Entry and Exit in a Liberalised Market", European Economic Association, Vienna, 25-28 August 2006; and 2nd International Conference on Tourism Economics, Palma de Mallorca, Spain, 18-20 May 2006.
"Do prices grow more in Euroland? Evidence from the airline industry", Royal Economic Society Conference, Nottingham, 19-21 April 2006; and International Industrial Organization Society, Boston, 7-9 April 2006.
"R&D investment, Credit Rationing and Sample Selection", European Association for Research in Industrial Economics EARIE, Oporto, 1-4 Sept. 2005; and Industrial Organization Society Conference, Chicago, 23-24 April 2004;
"On the relationship between R&D and Productivity: a Treatment Effect analysis", Industrial Organization Society Conference, Boston, April 2003; and EARIE Conference, Helsinki, Sept. 2003.

Seminars

DIW Berlin, Dec 2017; CNR ISSM, Naples, Sept 2017; Lancaster University Business School, April '16; Cattolica University Milan, 2015; Essex Business School, Mar 2013; University of Genova, Nov 2012; Leeds University, Jan 2012; Nottingham University, Nov 2011; Tilburg University, Mar 2011; University of Manchester, Mar 2011; University of Lugano, May 2010; FEEM, Milan, Apr 2010; University of York, Dec. 2009; Core, Louvain la Neuve, Dec. 2009; City University's Centre for Competition and Regulatory Policy, Jan. 2009; University of Lancaster, Business School, Nov 2008; University of Milan (Italy), DEAS 2008; University of Bergamo (Italy), Engineering Dept. 2007; University of Kent, Canterbury, Economics Dept. 2007; University of Reading, Economics Dept. 2007; Metropolitan University, Economics Dept. 2006; University of Durham, Business School, 2006; University of Newcastle, Business School, 2006; Aston University, Business School, 2006; University of Brescia (Italy), Economics Dept. 2006; University of Rimini (Italy), Business School, 2006;

Visiting Institutions

Spring 2016	University Of Cagliari, Department of Economics and Business
Spring 2015	University Of Valle D'Aosta, Department of Economics and Management
Spring 2013	Luiss University - Rome, Department of Economics
Summer 2008	Texas A&M University, Department of Economics

Referees

To minimize inconvenience, I should be grateful if referees were contacted only after the interview.

Professor KURT ALLMAN, Keele Management School, Director, University of Keele, Keele, ST5 5BG, telephone 01782 733100, email: k.l.allman@keele.ac.uk
 Professor PAUL DOBSON, Norwich Business School, Head of School, University of East Anglia, Norwich NR4 7TJ, UK, telephone: +44 (0)1603 593537; email: p.dobson@uea.ac.uk
 Professor. GIANNI De FRAJA, University of Nottingham, School of Economics, University Park, Nottingham, NG7 2RD, tel: +44 (0) 115 846 6107; fax: +44 (0) 115 95 14159, email gianni.defraja@nottingham.ac.uk

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