

Davide Scotti

Curriculum Vitae

davide.scotti@unibg.it • +39-035-2052026
University of Bergamo, Dept. of Economics • via dei
Caniana 2, 24127 Bergamo (BG), Italy
<https://didattica-rubrica.unibg.it/ugov/person/553>
Citizenship: Italy



Main current positions

- Dic 2021 – **Associate Professor** of Applied Economics (SECS-P/06), University of Bergamo
- Dic 2021 – **Rector's Delegate** for Reasearch Evaluation and University Rankings, Univ. of Bergamo
- Jan 2022 – **Member of the Executive Board** of the Iccsai Trasport and Sustainable Mobility Center (ITSM), University of Bergamo
- 2017 – **Faculty member** of the PhD program AEM (Applied Economics and Management), University of Bergamo & University of Pavia

Education

- 2008 – 2011 **University of Bergamo** – Dalmine (BG), Italy
PhD in Economics and Technology Management
- 1998 – 2004 **University of Bergamo** – Dalmine (BG), Italy
Master's Degree in Management Engineering (equivalent to the Italian: "Laurea V.O.")
Grade: 110/110

Awards, grants, and habilitations

- 2017 FFABR research **grant** (Italian National Agency for the Evaluation of Universities and Research Institutes – ANVUR)
- 2017 Italian National Scientific **Habilitation** as Associate Professor SSD: 13/A4 – Applied Economics (Italian Ministry of Education, University and Research – MIUR)
- 2012 Hamburg Airport **Prize** in Aviation Economics and Management (German Aviation Research Project – GARS)

Publications

Articles in English (★ indicates "Fascia A" in area 13/A4 by ANVUR – list of 11/10/2021)

- 2022 **Air connection dropouts and isolation risks across European regions**
Manello A., Scotti D., Volta N.
Regional Studies ★
- 2021 **Impact and Efficiency Ranking of Football Managers in the Italian Serie A: Sport and Financial Performance**
Buzzacchi L., Caviggioli F., Milone F., Scotti D.
Journal of Sports Economics ★
- 2021 **The disruptive impact of COVID-19 on air transportation: An ITS econometric analysis**
Andreana G., Gualini A., Martini G., Porta F., Scotti D.
Research in Transportation Economics ★
- 2020 **Air connectivity and spatial effects: regional differences in Europe**
Antunes A., Martini G., Porta F., Scotti D.
Regional Studies ★
- 2020 **Persistent and temporary inefficiency in airport cost function: An application to Italy**
Martini G., Scotti D., Viola D., Vittadini G.
Transportation Research Part A: Policy and Practice ★
- 2020 **The Determinants of CO2 Emissions of Air Transport Passenger Traffic: An analysis of Lombardy (Italy)**
Lo P.L., Martini G., Porta F., Scotti D.
Transport Policy
- 2019 **Airline regulation and common markets in Sub-Saharan Africa**
Button K., Martini G., Scotti D., Volta N.
Transportation Research Part E: Logistics and Transportation Review ★
- 2019 **Air transport Networks of Global Integrators in the More Liberalized Asian Air Cargo Industry**
Malighetti P., Martini G., Redondi R., Scotti D.
Transport Policy
- 2019 **Integrators' Air Transport Networks in Europe**
Malighetti P., Martini G., Redondi R., Scotti D.
Networks and Spatial Economics

- 2018 **The impact of air transportation on trade flows: a natural experiment on causality applied to Italy**
Brugnoli A., Dal Bianco A., Martini G., Scotti D.
Transportation Research Part A: Policy and Practice ★
- 2018 **Price asymmetries in European airfares**
Scotti D., Volta N.
Economics of Transportation ★
- 2017 **Profitability change in the global airline industry.**
Scotti D., Volta N.
Transportation Research Part E: Logistics and Transportation Review ★
- 2017 **The impact of technology progress on aviation noise and emissions**
Grampella M., Lo P.L., Martini G., Scotti D.
Transportation Research Part A: Policy and Practice ★
- 2017 **Fare elasticities of demand for direct and indirect flights in sub-Saharan Africa**
Button K., Martini G., Scotti D., Volta N.
Applied Economics Letters
- 2017 **Determinants of airports' environmental effects**
Scotti D., Volta N.
Transportation Research Part D: Transport and Environment
- 2016 **The factors affecting pollution and noise environmental costs of the current aircraft fleet: An econometric analysis**
Grampella M., Martini G, Scotti D., Tassan F., Zambon G..
Transportation Research Part A: Policy and Practice ★
- 2016 **Baggage fees, operational performance and customer satisfaction in the US air transport industry**
Scotti D., Dresner M., Martini G.
Journal of Air Transport Management
- 2016 **Impacts of the Arab Spring on trade in airline services**
Button K., Martini G., Scotti D.
Applied Economics Letters
- 2015 **The impact of baggage fees on passenger demand on US air routes**
Scotti D., Dresner M.
Transport Policy ★

- 2015 **Connecting African urban areas: airline networks and intra-Sub-Saharan trade**
Button K., Brugnoli A., Martini G., Scotti D.
Journal of Transport Geography ★
- 2015 **African Decolonisation and Air Transportation**
Button K., Martini G., Scotti D.
Journal of Transport Economics and Policy ★
- 2015 **Economic factors affecting the registration of lower CO2 emitting aircraft in Europe**
Brugnoli A., Button K., Martini G., Scotti D.
Transportation Research Part D: Transport and Environment
- 2015 **An empirical assessment of the CO2-sensitive productivity of European airlines from 2000 to 2010**
Scotti D., Volta N.
Transportation Research Part D: Transport and Environment
- 2014 **Incorporating negative externalities into productivity assessments of US airports**
Scotti D., Dresner M., Martini G., Yu C.
Transportation Research Part A: Policy and Practice ★
- 2014 **Determinants of total factor productivity in former Soviet Union economies: A stochastic frontier approach**
Arazmuradov A., Martini G., Scotti D.
Economic Systems
- 2013 **The influence of fleet mix, ownership and LCCs on airports' technical/environmental efficiency**
Martini G., Manello A., Scotti D.
Transportation Research Part E: Logistics and Transportation Review ★
- 2013 **Including local air pollution in airport efficiency assessment: A hyperbolic-stochastic approach**
Martini G., Scotti D., Volta N.
Transportation Research Part D: Transport and Environment
- 2012 **The impact of airport competition on technical efficiency: A stochastic frontier analysis applied to Italian airport**
Scotti D., Malighetti P., Martini G., Volta N.
Journal of Air Transport Management

Editorials (See the Appendix for a complete summary of the editorial activity)

2021 **Selection of papers from the 19th ATRS World Conference, Singapore, 2015**

Martini G., Scotti D.

Transport Policy

2018 **Selected articles from the 20th ATRS World Conference, Rhodes, 2016**

Martini G., Scotti D.

Journal of Air Transport Studies

Books/Edited by

2017 **The Economics and Political Economy of African Air Transport**

Button K., Martini G., Scotti D. – EDITED BY

Routledge

Book chapters in English

2020 **Stochastic Frontier Analysis**

Scotti D., Volta N.

Air Transport and Regional Development Methodologies

Routledge – ISBN 9780367076498

2020 **Data Envelopment Analysis**

Scotti D., Volta N.

Air Transport and Regional Development Methodologies

Routledge – ISBN 9780367076498

2020 **How to estimate the social costs of airport negative externalities: a case study on Milan Bergamo airport**

Grampella M., Martini G., Scotti D.

Air Transport and Regional Development Methodologies

Routledge – ISBN 9780367076498

2020 **The evolution of regional air transport connectivity in Europe: A comparison between remote and central areas**

Martini G., Porta F., Scotti D.

Air Transport and Regional Development Case Studies

Routledge – ISBN 97803675331378

2019 **Global Airline Productivity, 1980-2013**

Martini G., Scotti D., Volta N.

Airline Economics in Europe Vol: 8

Emerald Publishing Limited – ISBN 9781789732825

- 2017 **The African air transport network**
Button K., Leidi S., Martini G., Scotti D.
The Economics and Political Economy of African Air Transport
Routledge – ISBN 978-113820360-0
- 2017 **Air transport in Africa.**
Martini G., Scotti D.
Air Transport Liberalization: A critical assessment
Edward Elgar Pub – ISBN 9781786431851
- Prefaces and introductions in English*
- 2017 **Introduction**
Button K., Martini G., Scotti D.
The Economics and Political Economy of African Air Transport
Routledge – ISBN: 978-113820360-0
- 2017 **Preface**
Button K., Martini G., Scotti D.
The Economics and Political Economy of African Air Transport
Routledge – ISBN: 978-113820360-0
- Articles in Italian*
- 2015 **Crescita e sostenibilità ambientale degli aeroporti italiani dopo la liberalizzazione del settore**
Martini G., Scotti D.
Statistica & Società
- 2014 **Il costo sociale della mobilità: un'applicazione al sistema locale di Bergamo**
Lo P.L. , Martini G., Scotti D., Semperboni S.
Statistica & Società
- 2010 **Potere di mercato e distribuzione dei profitti nella filiera del trasporto aereo**
Martini G., Scotti D.
Mercato Concorrenza e Regole
- Book chapters in Italian*
- 2016 **La politica industriale: classificazioni e applicazioni**
Martini G., Scotti D.
Sussidiarietà e... politiche industriali
Fondazione per la Sussidiarietà – ISBN: 9788897793175

- 2015 **Sussidiarietà verticale, spesa pubblica e debito pubblico in Italia e in Europa**
 Scotti D., Trabucchi M.
Sussidiarietà e... spesa pubblica
 Fondazione per la Sussidiarietà – ISBN: 9788897793144
- 2015 **Il dettaglio della spesa pubblica in Italia: il modello centralizzato è l'unico adottabile?**
 Martini G, Scotti D.
Sussidiarietà e... spesa pubblica
 Fondazione per la Sussidiarietà – ISBN: 9788897793144

Main research experience

See the Appendix for further short-term research/consulting experience

- Dec 2018 – Nov 2021 **Dept. of Economics (University of Bergamo)**
 Position: Assistant Professor tenure-track (Type B fixed-term researcher).
 Applied Economics (ssd SECS-P/06).
- Apr 2017 – Nov 2018 **Dept. of Management, Information and Production Engineering (University of Bergamo)**
 Position: Assistant Professor untenured (Type A fixed-term researcher).
 Applied Economics (ssd SECS-P/06).
- Jul 2016 – Mar 2017 **Dept. of Management, Information and Production Engineering (University of Bergamo)**
 Position: Research Fellow.
 Topic (ssd SECS-P/01): Study of the aging of the population and its impact on health expenditure.
- 2016 – 2020 **COST Action TU1408 – "Air Transport and Regional Development" (ATARD)**
 Position: Meeting Participant and/or Trainer and/or authors of some chapters in the final handbooks.
 Topic: The Action investigated the relationship between air transport and regional development.
- Jun 2015 – May 2016 **Dept. of Mechanical and Industrial Engineering (University of Brescia)**
 Position: Research Fellow.
 Topic (ssd ING-IND/35): **Participation in the research Project "Smart Aging" (SCN_00442 – MIUR)**. Evaluation of the socio-economic benefits of technological solutions supporting physical activity and psychological well-being in older people.

- Dec 2013 – Nov 2014 **Centre on Innovation Management and Technology Transfer (University of Bergamo)**
 Position: Research Fellow.
 Topic (ssd SECS-P/01): Study on economic and environmental sustainability (focus on aviation and its impact on health).
- Sep 2012 – Oct 2012 **Robert Smith School of Business (University of Maryland, College Park - MD, USA)**
 Position: Unibg outgoing Visiting Fellow.
 In the context of the 2011 Cariplo Foundation call for "Promoting the formation of human capital of excellence", research on airline baggage fees under the supervision of Prof. Martin Dresner.
- Sep 2011 – Nov 2011 **Robert Smith School of Business (University of Maryland, College Park - MD, USA)**
 Position: Visiting Scholar.
 Research on airport efficiency under the supervision of Prof. Martin Dresner.
- Nov 2010 – Oct 2013 **Dept. of Engineering [previously Dept. of Economics and Technology Management] (University of Bergamo)**
 Position: Research Fellow.
 Topic (ssd SECS-P/01): Methodologies to measure efficiency and productivity with applications to longitudinal datasets relating to sectors subject to regulation (focus on airports).

Main teaching experience

See the Appendix for experience at PhD/Professional Master's programs and training schools

- Spring 2011 – present **Lecturer: Economics of networks and services (University of Bergamo)**
Language: Italian.
- Spring 2022 – present **Lecturer: Tourism and Transport Economics (University of Bergamo)**
Language: English.
- Spring 2021 – present **Lecturer: Applied Production Economics (University of Bergamo)**
Language: English.
- Spring 2017 – Spring 2020 **Lecturer: Industrial Organization (University of Bergamo)**
Language: Italian.

2008 – 2017 **Teaching assistant: several courses (University of Bergamo)**
Languages: Italian or English.

Industry experience

Nov 04 – Jan 08 **Dalmine Energie S.p.A. (Employee)** – Dalmine (BG), Italy
Employee at the Front Office of the Trading and Risk Management Area.

Conference/workshop presentations

- 2021 Air Transport Research Society (ATRS) Conference – *Virtual*
- 2021 International Transportation Economics Assoc. (ITEA) Annual Conference – *Virtual*
- 2021 Italian Assoc. of Industrial Economics & Policy (SIEPI) Scientific Mtg – *Virtual*
- 2020 Italian Economic Association (SIE) Scientific Meeting – *Virtual*
- 2020 Italian Assoc. of Transport Economics & Logistics (SIET) Scientific Mtg – *Virtual*
- 2020 Italian Assoc. of Industrial Economics & Policy (SIEPI) Scientific Mtg – *Venice (IT)*
- 2020 Symposium on Aviation Research (SoAR) Workshop – *Porto, PT*
- 2019 Workshop “Critical issues in transport economics” – *Rome (IT)*
- 2019 Italian Assoc. of Transport Economics & Logistics (SIET) Scientific Mtg – *Bologna (IT)*
- 2019 Air Transport Research Society (ATRS) Conference – *Amsterdam (NL)*
- 2019 Italian Assoc. of Industrial Economics & Policy (SIEPI) Scientific Mtg – *Rome (IT)*
- 2018 German Aviation Research Soc. (GARS) Workshop “Aviation in Africa” – *Amsterdam (NL)*
- 2018 Italian Assoc. of Industrial Economics & Policy (SIEPI) Scientific Mtg – *Ferrara (IT)*
- 2017 COST Workshop “Drivers of Air Transport for Development of Core and Rural Regions in Europe” – *Dublin (IE)*
- 2017 Italian Assoc. of Transport Economics & Logistics (SIET) Scientific Mtg – *Bari (IT)*
- 2017 Air Transport Research Society (ATRS) Conference – *Antwerp (BE)*
- 2017 Italian Assoc. of Industrial Economics & Policy (SIEPI) Scientific Mtg – *Palermo (IT)*
- 2016 Air Transport Research Society (ATRS) Conference – *Rhodes (GR)*
- 2016 Italian Assoc. of Industrial Economics & Policy (SIEPI) Scientific Meeting – *Florence (IT)*
- 2015 COST Workshop on the relationship between air transport and regional development – *Amsterdam (NL)*
- 2015 Italian Assoc. of Industrial Economics & Policy (SIEPI) Scientific Mtg – *Milan (IT)*

- 2014 Italian Assoc. of Transport Economics & Logistics (SIET) Scientific Mtg – *Florence (IT)*
- 2014 GS-IBG Annual International Conference – *London (UK)*
- 2014 Air Transport Research Society (ATRS) Conference – *Bordeaux (FR)*
- 2014 Italian Assoc. of Industrial Economics and Policy (SIEPI) Scientific Mtg – *Naples (IT)*
- 2013 Italian Economic Association (SIE) Scientific Meeting – *Bologna (IT)*
- 2013 International Panel Data Conference – *London (UK)*
- 2013 Air Transport Research Society (ATRS) Conference – *Bergamo (IT)*
- 2012 Air Transport Research Society (ATRS) Conference – *Tainan (TW)*
- 2011 European Workshop on Efficiency and Productivity Analysis (EWEPA) – *Verona (IT)*
- 2011 German Aviation Research Society (GARS) Junior Workshop – *Amsterdam (NL)*
- 2010 Italian Assoc. of Management Engineering (AiIG) Annual Scientific Mtg – *L'Aquila (IT)*
- 2010 Jornadas de Economía Industrial (JEI) – *Madrid (ES)*
- 2010 Air Transport Research Society (ATRS) Conference – *Porto (PT)*
- 2009 Kuhmo-Nectar Conference – *Copenhagen (DK)*

Invited speeches

- March 25th 2021 DEVI Seminar series at the ENAC (Ecole Nationale de l'Aviation Civile, Toulouse, France), – *Virtual*

Review activities

- Oct 2021 – Dec 2021 **External reviewer for the Evaluation of Research Quality VQR 2015–19** – AN-VUR, Italian National Agency for the Evaluation of Universities and Research Institutes

Reviewer for the following scientific journals: *Annals of Tourism Research, Case Studies on Transport Policy, Empirical Economics, Eurasian Business Review, European Journal of Operational Research, European Transport-Trasporti Europei, International Journal of Transport Economics, Journal of Air Transport Management, Journal of Transport Economics & Policy, Journal of Transport Geography, Research in Transportation Economics, Transport Policy, Transportation Research Part A, Transportation Research Part D, Transportation Research Part E*

Service/administrative experience

- Feb 2022 – Present **Member of the Open Access Commission**, University of Bergamo
- Apr 2021 – Present **Member of the Steering Committee** (equivalent to the Italian: “Comitato di indirizzo”) for the Master’s Degree Course in Economics and Data Analysis and the Bachelor’s Degree Course in Economics, University of Bergamo
- Dec 2020 – Jan 2022 **Representative** of the Dept. of Economics **for internship and placement activities**, University of Bergamo
- Dec 2020 – Dec 2021 **Member** of the Orientation, Internship and Placement Commission (equivalent to the Italian: “Commissione Orientamento, Tirocini e Placement di Ateneo”), University of Bergamo
- Oct 2020 – Present **Member** of the commission organizing the Seminar Series, Dept. of Economics (University of Bergamo)
- Dec 2018 – Feb 2021 **Representative instructor** for internships for the Master’s Degree Course and the Bachelor’s Degree Course in Management Engineering, University of Bergamo
- 2015 – 2019 **Member** of the group organizing the Lunch Seminar Series, Dept. of Management, Information and Production Engineering (University of Bergamo)

Current scientific society memberships

- 2021 – Present ITEA – *International Transport Economics Association*
- 2021 – Present GARS – *German Aviation Research Society*
- 2020 – Present SIE – *Italian Economic Association*
- 2019 – Present ATRS – *Air Transport Research Society*
- 2019 – Present SIET – *Italian Association of Transport Economics and Logistics*
- 2013 – Present SIEPI – *Italian Association of Industrial Economics and Policy*

APPENDIX

Additional teaching experience

Short courses at PhD programs (Language: English)

- a.y. 2019-20 **Transportation Economics** (AEM PhD Program, Univ. of Bergamo & Pavia)
- a.y. 2018-19 **Network Analysis** (AEM PhD Program, Univ. of Bergamo & Pavia)
- a.y. 2017-18 **Welfare and Regulation** (AEM PhD Program, Univ. of Bergamo & Pavia)
- a.y. 2016-17 **Market Regulation** (DREAMT PhD Program, Univ. of Bergamo & Pavia)
- a.y. 2015-16 **Market Regulation** (DREAMT PhD Program, Univ. of Bergamo & Pavia)
- a.y. 2013-14 **Regulation and Network Industries** (DREAMT PhD Prog., Univ. of Bergamo & Pavia)

Short courses at training schools (Language: English)

- Jul 2015 - Jul 2019 **Stata lab on estimating hospital efficiency** (Summer School in Applied Health Econometrics and Health Policy, Univ. of Bergamo and CRISP)
- Feb 2017 **Programming Data Envelopment Analysis** (ATARD Training School – COST Action: TU1408, Univ. of Bergamo)
- Feb 2017 **Programming Stochastic Frontier Analysis** (ATARD Training School – COST Action: TU1408, Univ. of Bergamo)

Short courses at Professional Master's programs (Language: Italian)

- 2021 **Benchmarking and efficiency** (Master in Management of Hospitals, Univ. of Bergamo & San Donato Group)
- 2019 – 2020 **Trade agreements** (Master in Technologies and processes of the textile supply chain, Univ. of Bergamo)
- 2017 **Trade agreements** (Master in Technologies and processes of the textile supply chain, Univ. of Bergamo)

Additional research/consulting experience

- Jan 2008 – Nov 2008 **Research activity for the Regional Research Institute of Lombardy (IRER)**
Project: *Research on the identification and first evaluation of the instruments measuring the effectiveness of the regional policy intervention “Project Work”* – Cod. IRER 2008B063
Subject of the activity: collaboration in the preparation of questionnaires, data entry coordination, data processing, production of a report with quantitative surveys.
- Jun 2010 – Dec 2010 **Research activity for the GITT (Centre on Innovation Management and Technology Transfer) of the University of Bergamo**
Project: analysis of the economic criteria to determine the water service tariff – research contract with the ATO (Optimum Sized Territorial Areas) of the Province of Bergamo
Subject of the activity: econometric applications and standard costs estimation – contract Prot. n. 12843/II/022
- Mar 2012 – Mar 2012 **Research activity for the Dept. of Management Engineering of the University of Bergamo**
Context: consultancy contract with the company Sinergia Consulting s.r.l.
Subject of the activity: econometric analysis of electricity prices in Italy for the period 2007–2011
- Dec 2014 – Jan 2015 **Research activity for the Dept. of Management, Information and Production Engineering of the University of Bergamo**
Context: research contract with the Fondazione per la Sussidiarietà Sussidiarietà e... spesa pubblica
Subject of the activity: study of the public expenditure in Italy – contract Prot. 37966/VII/16
- Jun 2016 – Jun 2016 **Research activity for the Dept. of Management, Information and Production Engineering of the University of Bergamo**
Context: research contract with the Fondazione per la Sussidiarietà Elaboration of sectoral balance sheet data
Subject of the activity: elaboration and classification of balance sheet data of companies – contract Prot. 62016/VII/16
- Apr 2017 – Apr 2017 **Research activity for the Dept. of Management, Information and Production Engineering of the University of Bergamo**
Context: research contract with Lombardia Servizi s.r.l. *Analysis of the characteristics of the members of the CISL trade union in the Lombardy Region (period 2013/2016)*
Subject of the activity: collaboration in the preparation of a questionnaire, data analysis, identification of the factors determining the choice of union membership

Oct 2018 – Oct 2018 **Research activity for ICCSAI (International Center for Competitiveness Studies in the Aviation Industry)**

Context: research contract with Assaeroporti *Assessing the applicability of benchmarking models (yardstick competition) in the Italian airport industry*

Subject of the activity: analysis of the critical issues on the use of SFA in estimating airports' cost efficiency

Nov 2018 – Dec 2018 **Research activity for the Dept. of Management, Information and Production Engineering of the University of Bergamo**

Context: research contract with the Municipality of Bergamo *Research on containment measures limiting the environmental effects of aviation activities at BGY airport*

Subject of the activity: analysis of pollution /noise containment practices at European airports

Editorial activity

Guest-Editor activity for Transport Policy in the context of the following Air Transport Research Society (ATRS) Special Issues

ATRS 2020 VSI

ATRS 2019 VSI

ATRS 2018 VSI

Air transport economics and policy – ATRS Conference 2017

Air transport economics – ATRS Conference 2015

Guest-Editor for the ATRS Special Issue on the *Journal of Air Transport Studies* – ATRS Conference 2016

Guest-Editor for the ATRS Special Issue on the *International Journal of Aviation Management* – accepted paper then included in a regular issue – ATRS Conference 2016

Editor of the book BUTTON, K., MARTINI, G. e D. SCOTTI (edited by), *The Economics and Political Economy of African Air Transport* (Routledge, 2017). ISBN: 978-113820360-0

Training courses

2009 **Kuhmo-Nectar Summer School on Transport and Urban Economics**, Copenhagen (DK)

Scientific events organization

- 2015 – 2018 **Co-organizer of the *Summer School in Applied Health Econometrics and Health Policy***, University of Bergamo
- 2016 **Contribution to the organization of the *5th Health Econometric Workshop***, University of Bari Aldo Moro
- 2017 **Contribution to the organization of the *COST/ATARD Workshop Air Transport and Regional Development: The Challenges Ahead* and of the *ATARD Training School on Aviation***, University of Bari Aldo Moro
- 2018 **Contribution to the organization of the *6th Health Econometric Workshop***, University of Bergamo

Bergamo, March 2022