

Short bio

I am an applied microeconomist working at the intersection of market analysis, policy evaluation, and welfare measurement. My research uses empirical and quasi-experimental methods to understand how markets respond to shocks, how policies influence supply, demand, prices, and trade, and how economic systems can transition toward sustainability without compromising social welfare.

Current experience

- Since Nov. 2024 Tenure Track Assistant Professor in Applied Economics (Qualified for associate professor), *Dep. of Economics, University of Bergamo.*
- Since Nov. 2023 Short Term Consultant, *World Bank Group, Washington D.C..*
- Since May 2017 Executive Board Member, *alumni network of the University of Bergamo.*
- Since Nov. 2021 Communication and Social Media Representative, *Department of Economics, University of Bergamo.*

Education

- May 2017 Ph.D., Economics and Management of Technology, University of Pavia.
- Mar. 2013 M.Sc., Management Engineering, University of Bergamo.
- Mar. 2011 B.Sc., Management Engineering, University of Bergamo.

Awards and Grants

- Apr. 2026 Competitive outgoing grant to visit Harvard Business School.
- Aug. 2025 Principal Investigator of the funded seedcorn project: *Sustainable and Strategic Management of Air Delays: an Economic, Legal and Operational Analysis (SOS-FLIGHT).*
- Jul. 2025 Runner-up for Best Paper Award, 28th ATRS World Conference.
- Apr. 2025 Competitive outgoing grant to visit Dubai Emirates University.
- Jan. 2024 Competitive outgoing grant to visit Hong Kong Polytechnic.
- Oct. 2022 PRIN 2022 (Research projects of national interest): “SUPPORT. Framing the discourse(s) of Sustainability across domains: from specialized discourse to POPularizaTion” — P.I. Prof.ssa Stefania Maci (University of Bergamo).
- Oct. 2021 Best Paper Award, Italian Society of Transport Economics (SIET), with Andrea Gualini and Gianmaria Martini.
- 2015–2019 COST Action TU1408 — Air Transport and Regional Development (ATARD).
Chair: Prof. Hans-Martin Niemeier (Hochschule Bremen).

- Mar. 2021 Significant contribution award, International cooperation project, University of Stuttgart (Germany), St. Xavier's College Mumbai (India), Stellenbosch University (South Africa), and University of Bergamo.
- Jan. 2020 Competitive outgoing grant to visit TSE (Toulouse School of Economics).
- 2013–2016 Ph.D. Scholarship, University of Pavia.

Publications in Peer-Reviewed Journals

- [1] Antczak, D., & Porta, F. (2026). Beyond Operational Emissions: LCA of Passenger Transport Modes for Short-Distance. **Journal of air transport management**, forthcoming.
- [2] Bontemps, C., Martini, G., & Porta, F. (2025). The Effects of LCCs Subsidies on the Tourism Industry. **International Journal of Industrial Organization**, 103242. [10.1016/j.ijindorg.2025.103242](https://doi.org/10.1016/j.ijindorg.2025.103242)
- [3] Buonanno, P., Porta, F., & Puca, M. (2025). Health Hazard Discrimination or Prejudice? A Field Experiment. **Health Policy**, 105447. [10.1016/j.healthpol.2025.105447](https://doi.org/10.1016/j.healthpol.2025.105447)
- [4] Porta, F. & Pantelaki, E. (2025). Low-cost carriers means low-cost tourists? Exploring the expenditure patterns beyond airline ticket prices. **Tourism Economics**, 13548166251316742. [10.1177/13548166251316742](https://doi.org/10.1177/13548166251316742)
- [5] Abrardi, L., Grinza, E., Manello, A., Porta, F. (2024). Work from Home Arrangements and Organizational Performance in Italian SMEs: Evidence from the COVID-19 Pandemic. **Empirical Economics**, 1-43. [10.1007/s00181-024-02621-z](https://doi.org/10.1007/s00181-024-02621-z)
- [6] Gualini, A., Martini, G. & Porta, F. (2023). Are Low Cost Carriers Airfares Still Lower? A Comparison with Full Service Carriers in Europe. **Journal of the Air Transport Research Society (JATRS)**, [10.1016/j.jatrs.2024.100012](https://doi.org/10.1016/j.jatrs.2024.100012)
- [7] Martini, G., Porta, F. & Scotti, D. (2023). Persistent and transient productive efficiency in the African airline industry. **Journal of Productivity Analysis (JPA)**, [10.1007/s11123-023-00674-3](https://doi.org/10.1007/s11123-023-00674-3)
- [8] Button, K., Porta, F. & Scotti, D. (2022). The role of strategic airline alliances in Africa. **Journal of Transport Economics and Policy (JTEP)**, 56(2), 272-294. [jtep/2022/00000056/00000002/art00007](https://doi.org/10.1016/j.jtep.2022.00000056/00000002/art00007)
- [9] Andreana, G., Gualini, A., Martini, G., Porta, F. & Scotti, D. (2021). The disruptive impact of COVID-19 on air transportation: An ITS econometric analysis. **Research in Transportation Economics**, 101042. [10.1016/j.retrec.2021.101042](https://doi.org/10.1016/j.retrec.2021.101042)
- [10] Antunes, A., Martini, G., Porta, F. & Scotti, D. (2020). Air connectivity and spatial effects: regional differences in Europe. **Regional Studies**, 54(12), 1748-1760. [10.1080/00343404.2020.1768231](https://doi.org/10.1080/00343404.2020.1768231)
- [11] Lo, P. L., Martini, G., Porta, F., & Scotti, D. (2020). The determinants of CO2 emissions of air transport passenger traffic: An analysis of Lombardy (Italy). **Transport Policy**, 91, 108-119. [10.1016/j.tranpol.2018.11.010](https://doi.org/10.1016/j.tranpol.2018.11.010)
- [12] Porta, F., Cattaneo, M., Donina, D., & Meoli, M. (2015). Il finanziamento dei sistemi universitari in cinque paesi europei: uno studio comparativo. **Scuola Democratica**, 6(1), 103-122. [10.12828/79549](https://doi.org/10.12828/79549)

Working Papers

- [1] Abera, M., Barattieri, A., Brugnoli, A., Porta, F. (2025). Decarbonizing Air Transport: Insights from a Quasi-Experiment. [World Bank Working Paper](#).
- [2] Luttmann, A., & Porta, F. Miles or Slots? Unpacking Market Power in the U.S. Airline Industry with a Structural approach.
- [3] Zhang, H., Bontemps, C., Chen, R., Czerny, A., Lei, Z., Van Ommeren, J. & Porta, F. The Success of Gulf Carriers Explained: The Case of the Australia-UK airway.
- [4] Fukui, H., Miyoshi, C., Lee, C., Porta, F., Abate, M.. Do faster turnaround operations reduce CO2 emissions? The case of Seattle-Tacoma International Airport.
- [5] Lee, C., Miyoshi, C., Sun, X., Li, J., Fukui, H., Porta, F.. Assessing the understanding and willingness to pay (WTP) for sustainable aviation fuel (SAF): Comparison between Japan & UK.

Referee activities

Transportation Research Part A: Policy and Practice, Journal of Air Transport Management, Journal of Industrial and Business Economics, Transport Policy, Case Studies on Transport Policy, Applied Economic Letters, Review of Network Economics, *Economia Politica*.

Other Publications

- [1] Book: Il mercato delle telecomunicazioni, 2023. Publisher: Rcs.
- [2] Book: MOOCs Massive Open On-Line Courses: Prospettive e Opportunità per l'Università italiana. 2015. Authors: Stefano Paleari, Flavio Corradini, Andrea Perali, **Flavio Porta**, Elena Breno. Publisher: Fondazione CRUI, ISBN: 978-88-96524-15-2.
- [3] Peer reviewed book chapter: Martini, G., **Porta, F.** & Scotti, D. (2020). The evolution of regional air transport connectivity in Europe: a comparison between remote and core regions. Forthcoming on ATARD handbook related to the cost action air transport and regional development (tu1408 atard).
- [4] Peer reviewed book chapter: Breno, E., Corradini, F., Perali, A., & **Porta, F.** (2018). Il progetto MOOCs-Italia per la formazione nell'era delle smart cities e communities. In *La formazione nell'era delle smart cities* (pp. 147-157). Cisalpino.
- [5] Peer reviewed book chapter: Maci, S. M., Morzenti Pellegrini, R., & **Porta, F.** (2018). Didattica innovativa, best practice e tecnologia nell'era smart: l'esempio dell'Università degli Studi di Bergamo. In *La formazione nell'era delle smart cities*. Cisalpino.

Invited/Keynote Speaker

- [1] University of Hong Kong, May 2025, Hong Kong. Title of the presentation: The Effects of LCCs Subsidies on the Tourism Industry.
- [2] University of Barcelona, May 2025, Barcelona. Title of the presentation: Unlocking Tourist Spending: The Hidden Impact of Low-cost and Full-service Carriers.
- [3] Emirates University, April 2025, Dubai. Title of the presentation: Decarbonizing Hard-to-Abate Industries: Balancing Environmental and Economic Welfare.
- [4] Hong Kong Polytechnic, April 2024, Hong Kong. Title of the presentation: Unlocking Tourist Spending: The Hidden Impact of Low-cost and Full-service Carriers.

- [5] Universidad Autónoma de Barcelona, May 2024, Barcelona. Title of the presentation: US-China post-COVID Air Connectivity and CO2 Emissions: Insights from a Structural Model.
- [6] Hong Kong Polytechnic, April 2024, Hong Kong. Title of the presentation: US-China post-COVID Air Connectivity and CO2 Emissions: Insights from a Structural Model.
- [7] Hiroshima University, March 2024, Hiroshima. Title of the presentation: Addressing negative externalities in air transportation.
- [8] World Bank, December 2023, Washington. Title of the presentation: US-China post-COVID Air Connectivity and CO2 Emissions: Insights from a Structural Model.

Teaching

- 2025–present **Health Economics** (*in English*)
M.Sc. in Medicine and Surgery, University of Milano-Bicocca
- 2024–present **Industrial Organization** (*in English*)
M.Sc. in Management Engineering, University of Bergamo
- 2024 **Revenue Management** (*in English*)
MBA, Toulouse Business School
- 2023–present **Industrial Organization in Regulated Sectors** (*in Italian*)
B.Sc. in Political Sciences, University of Bergamo & San Raffaele University
- 2021–present **Fundamentals of Economics for Tourism** (*in Italian*)
B.Sc. in Cultural Tourism, University of Bergamo
- 2021–present **Economics of Tourism Networks and Services** (*in English*)
M.Sc. in Planning and Management of Tourism Systems, University of Bergamo
- 2021–2022 **Tourism and Hospitality Economics** (*in English*)
M.Sc. in Planning and Management of Tourism Systems, University of Bergamo
- 2020–present **Trends in the World's Economy** (*in English*)
International cooperation project: University of Stuttgart (DE), St. Xavier's College Mumbai (IN), Stellenbosch University (SA), University of Bergamo (IT)
- 2017–2021 **Fundamentals of Economics** (*in English*)
M.Sc. in International Communication and Cooperation, University of Bergamo
- 2017–2021 **Economics** (*in Italian*)
MBA in Education, Training and Work Systems, University of Bergamo School of Management

Past experience

- Nov. 2021 - Oct. 2022 Assistant Professor in Applied Economics, *Dep. of Economics, University of Bergamo.*
- May 2023–Apr. 2025 Member, Mobility Working Group, *Network of Italian Universities for Sustainable Development (RUS).*

Jan. 2015–Oct. 2021	Rector’s Advisor on Communication and Academic Rankings, <i>University of Bergamo</i> .
Feb. 2017–Oct. 2021	Postdoctoral Researcher, <i>CISAlpino Institute for Comparative Studies in Europe, University of Bergamo</i> .
Jan. 2020–Mar. 2020	Visiting Research Fellow, <i>Toulouse School of Economics (TSE)</i> .
Jan. 2015–Jan. 2017	Member, Coordinating Board for MOOCs (Massive Open Online Courses), <i>Conference of Italian University Rectors (CRUI), Rome</i> .

Other education

May 2022	Course on Machine Learning integrating Python and Stata, Florence.
Mar. 2019	ATARD School, University of Las Palmas de Gran Canaria, Canary Islands, Spain.
Sep. 2018	ATARD Ph.D. Summer School, Poznań University of Economics and Business, Poland.
Nov. 2017	Advanced School on Aviation and Regional Development, Dublin.
Aug. 2016	11th ECPR Summer School in Methods and Techniques, Budapest.
Jan. 2013	Winter School in Finance: “The Financial Crisis and the New Competitive Models”, Bergamo.

Academic Presentations

- [1] 28th ATRS World Conference, July 2025, Hong Kong. Title of the presentation: Decarbonizing Air Transport : Insights from a Quasi-Experiment. (Runner-up for Best Paper Award)
- [2] ITEA, June 2025, Chicago. Title of the presentation: Miles or Slots? Unpacking Market Power in the U.S. Airline Industry with a structural approach.
- [3] SIEPI, January 2025, Bologna. Title of the presentation: Unlocking Tourist Spending: The Hidden Impact of Low-cost and Full-service Carriers.
- [4] WinterIO, December 2024, Tonale. Title of the presentation: Decarbonizing Air Transport : Insights from a Quasi-Experiment.
- [5] 27th ATRS World Conference, July 2024, Lisbon. Title of the presentation: Unlocking Tourist Spending: The Hidden Impact of Low-cost and Full-service Carriers.
- [6] ITEA, June 2024, Leeds. Title of the presentation: US-China post-COVID Air Connectivity and CO2 Emissions: Insights from a Structural Model.
- [7] Symposium on Aviation Research (SOAR), March 2024, Luxembourg. Title of the presentation: US-China post-COVID Air Connectivity and CO2 Emissions: Insights from a Structural Model.
- [8] 5th meeting on Transport Economics and Infrastructure, January 2024, Barcelona. Title of the presentation: The air transportation impact on tourism in Europe: A structural equation model.
- [9] Seminar at World Bank Group, December 2023, Washington D.C.. Title of the presentation: Welfare, CO2 Emissions and Post-Covid Air Transport Connectivity: Evidence from a Structural Model.

- [10] 26th ATRS World Conference, July 2023, Kobe. Title of the presentation: A structural equation equilibrium of airline subsidies and tourism.
- [11] ITEA, June 2023, Santander. Title of the presentation: A structural model on air travel in Europe and its link with Tourism.
- [12] Symposium on Aviation Research (SOAR), March 2023, Toulouse, France. Chair and Discussant.
- [13] 63^a Riunione Scientifica Annuale SIE, Ottobre 2022, Torino. Title of the presentation: Work from Home arrangements and Organizational Efficiency in Italian SMEs: Evidence from the COVID-19 Pandemic.
- [14] 25th ATRS World Conference, July 2022, Antwerp. Title of the presentation: The impact of LCCs on tourism: a structural equation model applied to Europe.
- [15] Symposium on Aviation Research (SOAR), April 2022, Bergamo, Italy. Chair and Discussant.
- [16] 24th ATRS World Conference, July 2021, Online. Title of the presentation: Airlines and tourism, a structural equation model approach.
- [17] 3rd Workshop on “Aviation in Africa” German Aviation Research Society, June 2020, Bremen, Germany. Title of the presentation: The Role of Strategic Airline alliances in Africa.
- [18] Società Italiana di Economia e Politica Industriale - XVII Workshop, January 2020, Venice, Italy. Title of the presentation: Airlines and tourism - a structural equation model approach.
- [19] Symposium on Aviation Research (SOAR), January 2020, Porto, Portugal. Title of the presentation: Airlines and tourism - a structural equation model approach.
- [20] 23rd ATRS World Conference, July 2018, Amsterdam, Netherlands. Title of the presentation: Airlines and tourism - a structural equation model approach.
- [21] 15th World Conference on Transport Research (WCTR), may 2019, Mumbai, India Title of the presentation: Air connectivity and spatial effects: Regional and airlines differences.
- [22] Società Italiana di Economia e Politica Industriale - XVII Workshop, February 2019, Rome, Italy. Title of the presentation: The Evolution of Regional Air Transport Connectivity in Europe: A Comparison between Remote and Central Areas.
- [23] 22nd ATRS World Conference, July 2018, Seoul, South Korea. Title of the presentation: The Evolution of Regional Air Transport Connectivity in Europe: A Comparison between Remote and Central Areas.
- [24] Aviation Training School and Workshop, 03-08 September 2018, Poznan, Poland. Title of the presentation: Spatial effects of regional air transport connectivity in Europe: a comparison between remote and central areas.
- [25] Workshop on Air Transport and Regional Development, 15-17 November 2017, Dublin, Ireland. Title of the presentation: Evolution of regional air transport connectivity in Europe: a comparison between remote and central areas.
- [26] XXVII Riunione Scientifica Annuale AIiG, 13-14 October 2016, Bergamo, Italy. Title of the presentation: The financial determinants of innovation in European Higher Education Institutions.
- [27] CHER 2016, 5-7 September 2016, Queens’ College, Cambridge, UK. Title of the presentation: The financial determinants of implementing MOOCs in European Higher Education Institutions.
- [28] 3rd DREAMT-CYFE Doctoral and Young Researcher Workshop 12-14 May 2015, “Entrepreneurship and Innovation”, Bergamo, Italy. Title of the presentation: Financing a national MOOCs platform.

- [29] Eu-SPRI Early Career Researcher Conference “Sowing the seeds of the future: The financing of tomorrow’s innovations”, 24-26 June 2015, Bergamo, Italy. Title of the presentation: To MOOC or not to MOOC: decision-making strategies in contemporary universities.
- [30] Die Krise (n) in der europäischen Wirtschafts-und Währungsunion - The crisis (n) in the European Economic and Monetary Union, TU Darmstadt (Germany) 14/01/2012, Chairman Prof. Ingo Barens Title of the presentation: Staatsschulden und Wechselkursregimes – Sovereign debt and the exchange rate regime.
- [31] Globalization: International Finance, TU Darmstadt (Germany) 10/09/2012, Chairman Prof. Volker Nitsch Title of the presentation: A Theory of Domestic and International Trade Finance.
- [32] Theorien und Methoden des strategischen Managements - Theories and methods of strategic management, TU Darmstadt (Germany) 11/06/2012, Chairman Prof. Alexander Bode Title of the presentation: Analyse latenter Strukturen anhand eines Experiments – Analysis of latent structures based on an experiment.
- [33] Zur Zukunft des Wohlfahrtsstaates - The Future of the Welfare State, TU Darmstadt (Germany) 14/07/2012, Chairman Prof. Volker Caspari Title of the presentation: Amartya Sens Capabilities Approach as benchmarks for social policy.

Teaching Assistant

2018-2020 Real Estate Economics	M.Sc. Construction Engineering, University of Bergamo
2017-2020 Network and Services Economics	M.Sc. Management Engineering, University of Bergamo
2017-2020 Advanced Microeconomics	M.Sc. Management Engineering, University of Bergamo
2017-2020 Industrial Organization	M.Sc. Management Engineering, University of Bergamo
2016-2018 Business Organization	B.Sc. Pedagogical Studies, University of Bergamo
2014-2018 Corporate Finance	M.Sc. Management Engineering, University of Bergamo

Languages

Italian (Native); English (Fluent); German (Intermediate); French (Intermediate); Spanish (Intermediate).

Software/coding

STATA (excellent); Excel (excellent); LaTeX (excellent); Python (good); R (good); GIS (good); Photoshop (good).

Bergamo, March 2026

Flavio Porta