

# Gianmarco Andreana

Postdoctoral Researcher

Bergamo, Italy

[gianmarco.andreana@unibg.it](mailto:gianmarco.andreana@unibg.it) | [gianmarcoandreana.github.io](https://gianmarcoandreana.github.io)

## Education

---

- |             |   |
|-------------|---|
| 2019 - 2023 | <b>University of Bergamo &amp; Pavia</b> , Bergamo, Italy<br><i>Ph.D. in Applied Economics and Management</i> |
| 2021 - 2022 | <b>Hebrew University of Jerusalem</b> , Jerusalem, Israel<br><i>Visiting Research</i>                         |
| 2017 - 2019 | <b>University of Bergamo</b> , Bergamo, Italy<br><i>M.S.E. Management Engineering</i>                         |
| 2013 - 2017 | <b>University of Bergamo</b> , Bergamo, Italy<br><i>B.S.E. Management Engineering</i>                         |

## Professional Experience

---

- |                   |   |
|-------------------|---|
| 03/2024 - Present | <b>University of Bergamo</b><br><i>Postdoctoral Researcher</i>          |
| 09/2024 - Present | <b>Università Commerciale Luigi Bocconi</b><br><i>Academic Fellow</i>   |
| 01/2023 - 01/2024 | <b>Hebrew University of Jerusalem</b><br><i>Postdoctoral Researcher</i> |

## Publications

---

1. **Andreana, G.**, Grampella, M., Martini, G., & Scotti, D. (2024). Airport noise assessment and mitigation: A simple and flexible methodology. **Case Studies on Transport Policy**.
2. Adler, N., & **Andreana, G.** (2023). Aiding airlines for the benefit of whom? An applied game-theoretic approach. **European Journal of Operational Research**.
3. **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**

## Working Papers

---

1. Adler, N., **Andreana G.**, de Jong, G. Estimating the Societal Value of Airport Slots. Available at **SSRN 5062524**. (*R&R at Transportation Research Part B: Methodological*)
2. **Andreana G.**, Coniglio S., Halbrügge S., März A., Weibelzahl M. Understanding Flexibility Investments in Liberalized Electricity Markets under Different Risk Attitudes. (*R&R at European Journal of Operational Research*)
3. Adler, N., **Andreana, G.**, de Jong, G. Competing on Emission Charges

## Teaching Experience

---

- 2025 - Present | **Neural Network and Deep Learning (M.S. 149022-ENG)**, University of Bergamo
- 2024 - 2025 | **Industrial Organization (M.S.E. 37210-1)**, University of Bergamo
- 2023 - 2024 | **Quantitative Models (M.B.A. 55815)**, Hebrew University of Jerusalem

## Teaching Assistant

---

- 2024 - Present | **Microeconomics (B.I.E.M. 30065-17)**, Università Commerciale Luigi Bocconi
- 2024 - Present | **Microeconomics (B.I.E.M. 30065-16)**, Università Commerciale Luigi Bocconi
- 2024 - 2025 | **Industrial Economics (B.Econ. 86036)**, University of Bergamo
- 2020 - 2021 | **Health Economics and Policy (M.S.E. 148009-M2)**, University of Bergamo
- 2020 - 2021 | **Market Regulation and Health Care (M.S.E. 37186-ENG)**, University of Bergamo
- 2020 | **Summer School in Applied Health Econometrics and Health Policy**, University of Bergamo
- 2019 - 2022 | **Economics (B.S.E. 22045)**, University of Bergamo
- 2019 - 2020 | **Health Economics (B.S.E. 95010)**, University of Bergamo

## Grants

---

- 2024 | **Young Independent Researcher Group Grant - Principal Investigator**, University of Bergamo
- 2023 | **ISTRC Conference Grant Summer 2023**, The Israeli Smart Transport Research Center
- 2022 | **TSL Cross Regional Grants**, INFORMS, Transportation Science and Logistics

## Honors & Awards

---

- 2022 | **AAS Best Student Presentation Competition**, INFORMS, Aviation Application Section (AAS)
- 2022 | **Best Paper by a Junior Researcher**, International Transport Economics Association (ITEA)
- 2022 | **Giovanni Manera Fellowship**, University of Pavia
- 2022 | **Discrete Choice Analysis course tuition scholarship**, Ecole Polytechnique Fédérale de Lausanne (EPFL)
- 2021 | **Best Student Paper Award**, Air Transport Research Society (ATRS) Worldwide

2019 - 2023 | **Ph.D. Scholarship**, University of Bergamo

## Conferences

---

- 2025 | **6th SoAR Symposium on Aviation Research**, Bari, Italy
- 2025 | **Winter Workshop DSE of the University of Bergamo**, Castione della Presolana, Italy
- 2024 | **INFORMS Annual Meeting**, Seattle, Washington, USA
- 2024 | **25th ISMP International Symposium on Mathematical Programming**, Montréal, Canada
- 2024 | **5th SoAR Symposium on Aviation Research**, Luxembourg, Luxembourg
- 2023 | **INFORMS Annual Meeting**, Phoenix, Arizona, USA
- 2023 | **11th hEART Symposium of the European Association for Research in Transportation**, ETH Zurich, Switzerland
- 2023 | **4th SoAR Symposium on Aviation Research**, Toulouse, France
- 2022 | **INFORMS Annual Meeting**, Phoenix, Arizona, USA
- 2022 | **International Transportation Economics Association (ITEA)**, Toulouse, France
- 2022 | **3rd SoAR Symposium on Aviation Research**, Bergamo, Italy
- 2021 | **INFORMS Annual Meeting**, Anaheim, California, USA
- 2021 | **24th ATRS Worldwide**, Sidney, Australia

## Conferences Organization

---

- 2024 | **6th SoAR Symposium on Aviation Research - Organizing Committee**, Bari, Italy
- 2024 | **INFORMS Annual Meeting - Chair of the Aviation Competition Session**, Phoenix, Arizona, USA
- 2024 | **5th SoAR Symposium on Aviation Research - Organizing Committee**, Luxembourg, Luxembourg
- 2023 | **INFORMS Annual Meeting - Chair of the Best Presentation Award Committee**, Indianapolis, Indiana, USA
- 2023 | **3rd SoAR Symposium on Aviation Research - Organizing Committee**, Bergamo, Italy

## Applied Research and Consulting

---

- 2025 | **Cost-Benefit Analysis of Bergamo Tramway T1 Extension**, Tramvie Elettriche Bergamasche (TEB)
- 2023 | **Cost-Benefit Analysis of New Electric Bus Rapid Transit (BRT) Line in Bergamo**, Azienda Trasporti Bergamo (ATB)

## Training

---

- 2022 | **Transportation Economics School**, International Transportation Economics Association (ITEA)
- 2022 | **Discrete Choice Analysis course – Predicting Individual Behavior and Market Demand**, Ecole Polytechnique Fédérale de Lausanne (EPFL)
- 2020 | **Bootcamp**, Advanced Risk and Portfolio Management (ARPM)
- 2018 | **Summer School Applied Health Econometrics and Health Policy**, University of Bergamo
- 2018 | **Introductory Level Certificate**, International Project Management Association (IPMA)

## Reviewing Activity

---

Transportation Research Part A: Policy and Practice, Transportation Research part E: Logistics and Transportation Review, Economics of Transportation, Journal of Air Transport Management, IEEE Transactions On Industrial Informatics, Applied Energy, Science Progress, European Journal of Operational Research, Case Studies on Transport Policy, Asian-Pacific Journal of Operational Research.

## Other Information

---

- Languages: English (fluent), Italian (native)
- Computer skills: Python, AMPL, Mathematica
- Scientific Societies: INFORMS, INFORMS Aviation Application Section (AAS), Mathematical Optimization Society (MOS)

## References

---

- | **Nicole Adler**, Hebrew University of Jerusalem - Business School  
*Nicole.Adler@mail.huji.ac.il*
- | **Gianmaria Martini**, University of Bergamo - Department of Economics  
*gianmaria.martini@unibg.it*
- | **Stefano Coniglio**, University of Bergamo - Department of Economics  
*stefano.coniglio@unibg.it*