

curriculum vitae of  
Gianmarco Andreana

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## PERSONAL INFO

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**Date of birth:** 20/09/1994

**Address:** School of Business and Administration, Hebrew University of Jerusalem, Jerusalem, Israel

## EDUCATION

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Jan. 2023 - Present	<b>Postdoctoral</b> researcher	THE HEBREW UNIVERSITY OF JERUSALEM
Oct. 2019 - Mar. 2023	<b>Ph.D.</b> Applied Economics and Management Thesis: Externalities in the Aviation Industry Supervisor: Prof. Nicole Adler, The Hebrew University of Jerusalem Tutor: Prof. Gianmaria Martini, Università degli Studi di Bergamo	UNIVERSITY OF BERGAMO
Jul. 2021 - Apr. 2022	<b>Visiting Research Fellow</b> Jerusalem Business School	THE HEBREW UNIVERSITY OF JERUSALEM
7 - 11 Mar. 2022	<b>Discrete Choice Analysis</b> course Predicting Individual Behavior and Market Demand	ECOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE
Jan. 2020 - Jun. 2020	<b>Bootcamp</b> in Advanced Risk and Portfolio Management	ARPM
Sep. 2017 - Sep. 2019	<b>M.Sc.</b> Management Engineering Thesis: Cost-Benefit Analysis. An appraisal of the Bergamo T2 tramway line Supervisor: Prof. Gianmaria Martini, Università degli Studi di Bergamo	UNIVERSITY OF BERGAMO
Jul. 2018	<b>Summer School</b> Applied Health Econometrics and Health Policy	UNIVERSITY OF BERGAMO
May. 2018	<b>Introductory Level</b> International Project Management Association	IPMA
Sep. 2013 - Sep. 2017	<b>B.Sc.</b> Management Engineering Thesis: The ANSI/ISA 95 norms for Operations Management. A critical overview Supervisor: Prof. Sergio Cavalieri, Università degli Studi di Bergamo	UNIVERSITY OF BERGAMO
Sep. 2008 - Sep. 2013	<b>High school graduated</b>	LICEO SCIENTIFICO LORENZO MASCHERONI

## PRESENTATION AT CONFERENCES

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6 - 8 September 2023	<b>11<sup>th</sup> hEART</b> Symposium of the European Association for Research in Transportation, ETH Zurich, Switzerland Paper: <i>Competing on Emission Charges</i> . N. Adler and G. Andreana and G. de Jong	hEART
30 - 31 March 2023	<b>4<sup>th</sup> SoAR</b> Symposium on Aviation Research, Toulouse, France Paper: <i>Competing on Emission Charges</i> . N. Adler and G. Andreana and G. de Jong	SOAR

16 - 19 October 2022	<b>INFORMS 2022</b> Annual Meeting, Indianapolis, Indiana, USA Paper: <i>Competing on Emissions Charges</i> . N. Adler and G. Andreana and G. de Jong	INFORMS
13 - 17 June 2022	<b>ITEA 2022</b> International Transportation Economics Association, Toulouse, France Paper: <i>Aiding airlines for the benefit of whom? An applied game-theoretic approach</i> . N. Adler and G. Andreana	ITEA
7 - 9 Apr. 2022	<b>3<sup>rd</sup> SoAR</b> Symposium on Aviation Research, Bergamo, Italy Paper: <i>Aiding airlines for the benefit of whom? An applied game-theoretic approach</i> . N. Adler and G. Andreana	SoAR
24 - 27 Oct. 2021	<b>INFORMS 2021</b> Annual Meeting, Anaheim CA, USA Paper: <i>Aiding airlines in a pandemic for the benefit of whom? An applied game-theoretic approach</i> . N. Adler and G. Andreana	INFORMS
26 - 29 Aug. 2021	<b>24<sup>th</sup> ATRS</b> Worldwide, Sidney, Australia Paper: <i>A general and simplified methodology to define airport noise influenced zones and measure the related social cost</i> . G. Andreana, M. Grampella, G. Martini, D. Scotti	ATRS

## ACADEMIC ACTIVITIES

Mar. 2023 - Aug. 2023	<b>Lecturer</b> of the MBA course in Quantitative Models	THE HEBREW UNIVERSITY OF JERUSALEM
Apr 2021 - Jun 2021	Definition of a Cost Benefit Analysis (CBA) for an E-BRT line in Bergamo	UNIVERSITY OF BERGAMO AND ATB
2020 - 2021	<b>Tutor</b> of master degree course Health Economics and Policy	UNIVERSITY OF BERGAMO
2020 - 2021	<b>Tutor</b> of master degree course Market Regulation and Health Care	UNIVERSITY OF BERGAMO
Jul. 2020	<b>Tutor</b> of the Summer School in Applied Health Econometrics and Health Policy (AHEHP)	UNIVERSITY OF BERGAMO
2019 - 2022	<b>Tutor</b> of bachelor degree course in Economics (Italian)	UNIVERSITY OF BERGAMO
2019 - 2020	<b>Tutor</b> of bachelor degree course in Health Economics (Italian)	UNIVERSITY OF BERGAMO

## PUBLICATIONS

### JOURNAL PUBLICATIONS

1. Adler, N., & Andreana, G. (2023). Aiding airlines for the benefit of whom? An applied game-theoretic approach. *European Journal of Operational Research*.
2. Andreana, Gianmarco, et al. "A General and Simplified Methodology to Define Airport Noise-Influenced Zones and a Measurement of Related Social Costs." Available at SSRN 4097434 (2022): <https://ssrn.com/abstract=4097434> or <http://dx.doi.org/10.2139/ssrn.4097434>.
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*, 90, 101042.

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 REVIEWER ACTIVITY
 

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2021 - Present	<b>TRA</b> - Transportation research part A: Policy and Practice	TRA
2020 - Present	<b>JATM</b> - Journal of Air Transport Management	JATM
2023 - Present	<b>SP</b> - Science Progress	SP

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 AWARDS AND SCHOLARSHIPS
 

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July 2023	<b>ISTRC Conference Grant Winter 2023</b>	The Israeli Smart Transport Research Center	ISTRC
October 2022	<b>TSL Cross Regional Grants</b>	Informs, Transportation Science and Logistics	INFORMS - TSL
October 2022	<b>Best Student Presentation Competition</b>	Informs Annual Meeting 2022	INFORMS
June 2022	<b>Best Paper by a Junior Researcher</b>	International Transport Economics Association 2022	ITEA
Apr. 2022	<b>Giovanni Manera</b>	scholarship	UNIVERSITY OF PAVIA
Jan. 2022	<b>Discrete Choice Analysis</b>	course tuition scholarship	EPFL
Aug. 2021	<b>Best student paper award</b>	24 <sup>th</sup> ATRS Worldwide	ATRS
Oct. 2019 - Oct. 2022	<b>Ph.D</b> in Applied Economics and Management	scholarship	UNIVERSITY OF BERGAMO

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 LANGUAGE SKILLS
 

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**Italian** Native

**English** Advanced level

CAMBRIDGE CERTIFICATE LEVEL B2

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 COMPUTER SKILLS
 

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Excellent knowledge of **Microsoft Windows** operating system

Excellent knowledge of the entire **Microsoft Office** suite

Excellent knowledge of **LaTeX** typesetting

Excellent knowledge of **Python** programming language

Excellent knowledge of the **PYOMO** modelling language for mathematical optimization

Good knowledge of **R** programming language

Good knowledge of **Julia** language

(JULIA ACADEMY CERTIFICATES)

Good knowledge of **Wolfram Mathematica** language

Good knowledge of **QGIS** geographic information system software

Good knowledge of the **AMPL** modelling language for mathematical optimization