

CURRICULUM VITAE



PERSONAL INFORMATION

First name(s) / Surname(s)

NICOLÒ AVOGADRO

E-mail

nicolo.avogadro@unibg.it

Nationality

Italian

WORK EXPERIENCE

Dates

February 2019 - May 2019

Occupation or position held

Internship for airport accessibility road simulation project

Main activities and responsibilities

Implementation of a road simulation of the area surrounding the Bergamo airport to support the environmental and transport assessment of accessibility based on the development of infrastructural investments outlined in the Airport Development Plan. Development of a road simulation model based on vehicle flows, generated by passengers and commuters, in the neighborhood of the airport using the simulation software SUMO (Simulation of Urban Mobility).

Name and address of employer

SACBO S.p.A.

Via Orio al Serio, 49/51. Grassobbio (BG).

Type of business or sector

Aviation & Aerospace

CONSULTING ACTIVITIES

2022

Data collection and analysis of the road network surrounding the Bergamo airport using the road micro-simulation software SUMO to identify the local impacts on congestion levels and CO₂ emissions of the additional flows of employees deriving from the settlement of air cargo activity in the northern part of the airport site, in collaboration with the Research Centre ITSM (University of Bergamo).

2021

Data collection and analysis of the financial performance of the main airlines and airport management companies operating at the European level, in collaboration with the Research Centre ITSM (University of Bergamo).

2020-2021

Data collection and analysis for "ICCSAI Fact Book - La Competitività del Trasporto Aereo in Europa" for the years 2020 and 2021, a book which yearly provides data and statistics on the European air transport industry.

2020

Data collection and processing of historical data on demography, economic and social indicators at the Italian and European level, in collaboration with the Research Centre CCSE (University of Bergamo).

2019

"Cost of Non-Europe in Aviation (CONEA)" - Assessment of the costs generated in the air transport industry due to the imperfect unification of the market at European level, in collaboration with the Research Centre ITSM (University of Bergamo).

TEACHING EXPERIENCE

2021/2022	<i>Accounting and Management, Healthcare Finance and Health Technology Assessment</i> courses assistant at University of Bergamo.
2020/2021	<i>Accounting and Management, Economic and Business Management, Healthcare Finance, and Applied Topics in Management Engineering</i> courses assistant at University of Bergamo.
2019/2020	<i>Accounting and Management, Economic and Business Management, and Healthcare Finance</i> courses assistant at University of Bergamo

EDUCATION AND TRAINING

Dates	October 2019 – present
Title of qualification awarded	PhD candidate, PhD program in Technology, Innovation and Management XXXV Cycle
Name and type of organisation providing education and training	University of Bergamo
Dates	September 2017 – July 2019
Title of qualification awarded	Master degree in management engineering
Name and type of organisation providing education and training	University of Bergamo
Level in national classification	110/110 cum laude
Dates	September 2014 – July 2017
Title of qualification awarded	Bachelor degree in management engineering
Name and type of organisation providing education and training	University of Bergamo
Level in national classification	110/110 cum laude

RESEARCH ACTIVITY

International Journal articles

- Avogadro, N., Cattaneo, M., Paleari, S., & Redondi, R. (2021). Replacing short-medium haul intra-European flights with high-speed rail: Impact on CO₂ emissions and regional accessibility. *Transport Policy*, 114, 25-39.
- Avogadro, N., Malighetti, P., Redondi, R., & Salanti, A. (2021). A tale of airline competition: When full-service carriers undercut low-cost carriers fares. *Journal of Air Transport Management*, 92, 102027.
- Avogadro, N., Birolini, S., Cattaneo, M., Malighetti, P., Morlotti, C., & Redondi, R. (2020). Yardstick Regulation in a Competitive Context? The Case of the Italian Airports. *Competition and Regulation in Network Industries*, 21(3), 244-274.

Working papers

- Avogadro, N., Redondi, R., Diverted and induced demand: evidence from the London-Paris passenger market. Submitted to *Transportation Research Part A: Policy and Practice*.

Conferences attendance

- 24th Air Transport Research Society (ATRS) conference. Online, August 26th – 29th 2021.
- Aviation Management and Economics Conference (AMEC), Research session with PhD students and junior researchers. Online, November 13th 2020.

Summer schools	<p>29th X AiIG PhD Summer School. Bari, September 7th -9th 2021.</p> <p>28th AiIG PhD Summer School. Padua, February 16th -19th 2021.</p>
PERSONAL SKILLS AND COMPETENCES	
MOTHER TONGUE	ITALIAN
OTHER LANGUAGES	ENGLISH
COMPUTER SKILLS AND COMPETENCES	Excellent knowledge of the Windows operating system and Microsoft Office suite (Word, Excel, Power Point). Ability to use statistical software (e.g., Stata, Matlab). Good command of GIS software (QGIS). Use of database management system (Microsoft Access) and programming with Python.
DRIVING LICENCE(S)	B (Italian classification)