

Mattia Galimberti

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Gender Male | Date of birth 15/09/1994 | Nationality Italian

WORK EXPERIENCES

April 2021 – September 2021

Research scholarship

University of Bergamo (Dalmine, Bergamo)

- Development of a simulation model aiming at defining the best strategy for the production scheduling of a new machine to be acquired by a company.

October 2020 - March 2021

Stage – Production engineer

Same Deutz-Fahr Italia S.p.A. (Treviglio, Bergamo)

- Development of an optimization and re-layout project of a cabin production line, using the simulation software “FlexSim” for the analysis of the different scenarios.

April 2018 – June 2018

Stage – Design engineer

Dimasimma Intralogistic S.r.l. (Spilamberto, Modena)

- 3D design and modelling of an automated guided vehicle, using the software “Inventor”.

EDUCATION

October 2021 – Current

PhD student – Technology, Innovation and Management

University of Bergamo (Dalmine, Bergamo)

- Research project aiming at defining a circular business model that can determine an environmental, economic and social advantage connected to green steel production.

September 2018 – March 2021

Master's degree in mechanical engineering

Final grade: 110/110 cum laude (highest possible grade in the Italian system)

University of Bergamo (Bergamo, Italy)

- Thesis: “A re-layout and optimization project by simulating an assembly line for tractor cabs: the Same Deutz-Fahr case”.

September 2019 - February 2020

Erasmus Plus

Czech Technical University (Prague, Czech Republic)

September 2013 - July 2018

Bachelor's degree in mechanical engineering

Final grade: 90 / 110

Polytechnic University of Milan (Milan, Italy)

- Thesis: “Study and preliminary design of an automated-guided vehicle”.

September 2008 - July 2013

Scientific high school diploma

Scientific high school Lorenzo Mascheroni (Bergamo, Italy)

**FURTHER EDUCATIONAL
ACTIVITIES**

November 2021 – December
2021**PhD School on Entrepreneurship in the Circular Economy**
Katholieke Universiteit Leuven (Leuven, Belgium)

- A PhD course with the aim of applying circular economy concepts to the technology sector.

October 2021 – November
2021**Steelmaster 2021 XXIV Edizione**
Rina S.p.A. (Genova, Italy)

- A high-level course with the aim of providing participants with the tools and methodologies to draw a complete picture of the steel industry at national, European and world level.

TEACHING ACTIVITIES

Feb 2022 – Jun 2022 and
Feb 2023 – Jun 2023**Progettazione degli impianti**
University of Bergamo (Bergamo, Italy)

- University tutor for the course held in Italian. The course provides tools for the selection, design and construction of industrial production factories, with a specific focus on discrete event simulation.

Feb 2022 – Jun 2022 and
Feb 2023 – Jun 2023**Industrial plant design and simulation**
University of Bergamo (Bergamo, Italy)

- University tutor for the course held in English. The course provides tools for the selection, design and construction of industrial production factories, with a specific focus on discrete event simulation.

Feb 2023 – Jun 2023

Gestione della produzione industriale
University of Bergamo (Bergamo, Italy)

- University tutor for the course held in Italian. The course provides basic knowledge related to production systems and methods of production planning, scheduling and control.

Oct 2022 – Dec 2022 and
Oct 2023 – Dec 2023**Industrial asset management**
University of Bergamo (Bergamo, Italy)

- University tutor for the course held in English. The course aims to provide the capability of understanding, analysing, and evaluating the issues related to the management of industrial assets with a strong focus on maintenance.

Nov 2021 – Dec 2021 and
January 2023**Tecnico superiore service manager automotive**
Fondazione ITS academy LAST (Verona)

- Teacher in a 12-hour course about discrete event simulation and FlexSim basics.

LANGUAGES

Italian	Mother tongue			
	Listening	Reading	Speaking	Writing
English	C1	C1	C1	C1

SCIENTIFIC PUBLICATIONS

- Galimberti, M., Cimini, C., Copani G., Cavalieri, S. "Towards sustainability in the steel sector: identifying criteria for assessing early design servitization opportunities". XXVIII Summer School "Francesco Turco" 2023.
- Galimberti, M., Cimini, C., Cavalieri, S. "Servitization Opportunities for Improving Sustainability in the Steel Industry". International Symposium on Industrial Engineering and Automation 2023.
- Galimberti, M., Cimini, C., Copani, G., Malfa, E., Cavalieri, S. "Technologies and challenges for sustainable steel production: an overview". XXVII Summer School "Francesco Turco" 2022.
- Lagorio, A., Cimini, C., Piffari, C., Galimberti, M., Pirola, F., Pinto, R. "Operationalisation and validation of a Human Factors-based decision support framework for technology adoption in the logistics sector". International Journal of Production Research 2023.
- Cimini, C., Lagorio, A., Piffari, C., Galimberti, M., Pinto, R. "Human Factors and Change Management: a case study in Logistics 4.0". APMS 2022 Conference.

SKILLS

- Computer skills**
- I have a good command of Windows and macOS operating systems. I have a good knowledge of Microsoft Word, Excel and Power Point.
 - Thanks to some university courses and my internship experience at Dimasimma Intralogistic S.r.l., I have acquired good knowledge in the use of CAD 3D Inventor, SolidEdge and SolidWorks, in addition to CAD 2D AutoCAD.
 - In the university context I acquired basic notions of C, C ++ and Matlab.
 - During the experience in Same Deutz-Fahr and working on my research scholarship, I acquired a good knowledge of FlexSim: a discrete event simulation software which I used to analyse different scenarios and extrapolate useful data for the realisation of both projects.
- Personal skills**
- During the Erasmus experience I learned to approach different cultures, and, above all, I improved my English, both written and spoken. In that occasion, I took part in many group projects, thus upgrading my ability to collaborate in a team.
- Outside my working and forming experiences I have always had lot of passions. I played for several years in different soccer teams where I learned the values of teamwork, companionship and friendship, which I consider all to be very important not only on the workplace but as well in life.
- Driving License** B

Date and signature

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