



**Miriam
La Matina**

Date of birth: 04/12/1998

Nationality: Italian

Gender: Female

CONTACT

 35137 Padova, Italy

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EDUCATION AND TRAINING

29/04/2016 – 01/05/2016 – Italy

● **Spring School Participant - Special and General Relativity Campus**

Campus MFS - Scuola di formazione scientifica Luigi Lagrange

During this spring school some seminars about Special and General Relativity were provided to high-school students by professors from the department of Mathematics from the University of Torino.

Field(s) of study

◦ Natural sciences, mathematics and statistics : *Physics*

<https://www.campusmfs.it/>

12/05/2017 – 14/05/2017 – Italy

● **Spring School Participant - Mathematics Campus (Game Theory and Neural Networks)**

Campus MFS - Scuola di formazione scientifica Luigi Lagrange

During this spring school some seminars about Neural Networks applied to the Game Theory were provided to high-school students by professors from the department of Mathematics from the University of Torino. A software able to play chess was developed using neural networks.

<https://www.campusmfs.it/>

2012 – 2017 – Corso Alfieri n. 367 , Asti, Italy

● **High school leaving qualification in classical studies**

Istituto di Istruzione Superiore Vittorio Alfieri (Liceo Classico)

100/100 | <https://www.istitutoalfieri.edu.it/valfieri/>

01/10/2017 – 03/12/2020 – Via F. Marzolo, 8 - 35131 Padova, Padova, Italy

● **Bachelor degree in physics**

Università degli Studi di Padova

Field(s) of study

◦ Natural sciences, mathematics and statistics : *Physics*

103/110 (weighted average of marks = 26.958) | Diagnostics of a negative ion beam by means of infra-red thermography | <https://www.dfa.unipd.it/>

01/2021 – Via F. Marzolo, 8 - 35131 Padova, Padova, Italy

● **Master degree in Physics**

Università degli Studi di Padova

Field(s) of study

◦ Natural sciences, mathematics and statistics : *Physics*

arithmetic average of marks (up to date 28/04/2022) = 29.545 | Design/analysis of a dispersion interferometer for DTT | <https://www.dfa.unipd.it/>

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

OTHER LANGUAGE(S):

English

Listening C1	Reading C1	Spoken production C1	Spoken interaction C1	Writing C1
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DIGITAL SKILLS

Microsoft Office / Google Drive / Experience in video conferencing (Zoom, Skype) / Google Docs

Programming

Programming: C programming, Python Programming

Technical Drawing

Basics knowledge of working in AutoCAD

VOLUNTEERING

2020 - CURRENT

Greenpeace Volunteer

Greenpeace Local Group in Padova

I have been volunteering in this group for several years, focusing on environmental issues, increasing my knowledge about environmental and social problems, improving my teamwork skills and helping spreading information. In the last two years I have been one of the group coordinators.

HONOURS AND AWARDS

16/11/2021

Finalist at the Geneva Challenge (Third Place Award) - Graduate Institute of Geneva

I worked with a team of fellow students from different backgrounds and universities on the global problem of climate change. We approached it focusing on a practical solution for the pollution issues related to the food delivery industry. We developed a project of a sustainable food delivery system based on reusable containers.

<https://www.graduateinstitute.ch/geneva-challenge/2021> https://www.graduateinstitute.ch/sites/internet/files/2021-09/Project_55_Europe.pdf

PROJECTS

04/2021 – 06/2021

● Rethinking climate risk: the Venice paradigm Spring School Program

<https://www.hrengagementteam.org/post/the-venice-paradigm>

This Summer School was based on interdisciplinary group work on challenge based research projects, guided by a supervisor. The students attended on-site and online learning modules to stimulate individual reflection and reading. We had been involved in structured and critical peer review of other student groups' research projects from the Arqus European University Alliance (<https://www.arqus-alliance.eu/>).

I worked with a group of fellow master students from different areas of study at the University of Padova, focusing on the issues of the city of Venice and its lagoon related to climate change and sea level rise. We produced a paper entitled "The Venice Paradigm - An analysis of Venice adaptation measures for climate change related problems, with a focus on the city-lagoon dualism" where we studied all the engineering responses attuated in Venice against the effects of climate change, evaluating if Venice can be a good paradigm for other cities to follow in the future.

DRIVING LICENCE

● Driving Licence: B