

## **Curriculum Vitae**

### Research Fellowship

2024 post-doctoral researcher

2021 Fermi National Accelerator Laboratory, United States of America

### Education

PhD Ranked 1 st out of 67 candidates.

2021 joint PhD program between the University of Turin and the 2018 Sorbonne University

Advisors: Prof. Nicolao Fornengo, Dr.Marco Cirelli

### MSc Theoretical Physics and Astrophysics

2018 Department of Physics at the University of Turin

2016 Final Grade:110/110 Summa cum Laude

Advisors: Prof. Nicolao Fornengo, Prof. Stefano Camera

### BSc Physics

2017 Department of Physics at the University of Turin

2014 Final Grade: 110/110 Summa cum

Laude Advisor: Prof. Nicolao Fornengo

### Visiting Scientist

GRAPPA, University of Amsterdam (Netherlands) 2021

University of Western Cape (South Africa) 2019

Internship on direct detection of dark matter at the Laboratoire de Physique Theorique et Hautes Energie(Paris) 2016

### Scholarships and Awards

-Cassine Junior Grant, French Embassy in Italy 2021

-Vinci Grant, Italo- French University 2020

-Delta Institute for Theoretical Physics 2020

-Erasmus traineeship, two-month internship 2016

-Young Women in Public Affairs Award, Zonta International 2013

-Five scholarships for talented young students 2013-2020

### Scientific Activities

Invited speaker in 6 universities around the world and Conference speaker in 9 international conferences.

Galactic X-ray flux for light dark matter searches | 2020-present

Dark matter and astrophysical searches with CTA | 2020-present

Radio emission produced by filaments of the cosmic web | 2020

Dark matter searches with the SKA and Fermi-LAT telescopes | 2019

Direct detection of dark matter in underground laboratories | 2016

### Leadership Experiences

President and Co-Founder of Soroptimist club Milano Net Lead

Ambassador of the "Premio Calicanto" for equal opportunities

Member of the jury of the National Award for Science Journalism

Representative of the PhD students at the University of Turin

Councillor and Member of the Executive Office of the Commission on Equal Opportunities of the City of Asti

### Topics Of Interests

Astroparticle Physics,

Dark Matter,

Multi-Messenger Astronomy,

Cosmology