



Martina Carillo

Ph.D. candidate

I am a Ph.D. student in Accelerator Physics at University of Rome "La Sapienza".

Education

- 2020–present **Ph.D. in Accelerator physics**, *University of Rome "La Sapienza"*, Rome, Italy.
- 2017–2020 **Master's Degree in Physics**, *Sapienza Università di Roma*, Rome, Grade – 108/110, .
- Physics, High Energy physics, Computer Programming, Mathematical physics, Medical Application.
 - Laboratory experience of Radio Frequency systems, INFN, Frascati (Rome)
- 2013–2017 **Bachelor's Degree in Physics**, *Sapienza Università di Roma*, Rome.
- Mathematics, Physics, Optics, Electronics, Computer Programming (C language), Quantum Mechanics, Relativistic Mechanics, Fluidodynamics, Chemistry, Atmospheric Physics.
- 2014 **Diploma di Maturità**, *Liceo scientifico Cavoure*, Rome.

Master's Thesis

- Title *Analysis and simulation of cryogenic hybrid C-band photo-injector*
- Supervisor Professor Daniele del Re
- Co-Supervisor Professor Luigi Palumbo
- Description Development of code for simulation and analysis of beam dynamics within RF structure. Physical analysis of beam dynamics.

Computer skills

Basic C++



Advanced C, Python, Matlab, Office

— Languages

English Advanced

Italian Mother tongue

— Interests

- Sport
- Traveling
- Tutoring

Roma, 06/03/2021


