



Micol De Simoni

Curriculum Vitae

Education

- 2017–Present **PhD in Accelerator Physics**, *La Sapienza, University of Rome*.
- 2015–2017 **Master's degree of Particles Physics**, *La Sapienza, University of Rome*, 110 cum laude/ 110.
Title of thesis: "Caratterizzazione di un rivelatore innovativo per il monitoraggio on-line della dose in trattamenti di terapia con particelle" ("Characterisation of an innovative detector for on-line dose monitoring during treatment with particles therapy")
Supervisors: Professor Riccardo Faccini and Professor Alessio Sarti
- 2011–2014 **Bachelor of Physics**, *La Sapienza, University of Rome*, 97/110.
Title of thesis: "Il ciclotrone per la produzione di traccianti PET" (The cyclotron for the production of PET tracers)
Supervisor: Professor Riccardo Faccini
- 2007-2011 **Scientific High School**, *Ettore Majorana, Latina*, 100/100.

Work Experience

- 2014–2016 **Physics lab assistant**, LABORATORI BRUNO PONTECORVO, Physics department, La Sapienza, Rome.
- 2015 **Scientific Animator**, INFN (ISTITUTO NAZIONALE FISICA NUCLEARE), Piazza di Spagna, Rome.
Event "MEET LHC"
- 2008–Present **Tutoring**.
Private tutoring sessions for high school students on scientific subjects.
- 2008–Present **Football refereeing**, AIA (ASSOCIAZIONE ITALIANA ARBITRI).
Good ability to make quick decisions and relating professionally with others .



Courses and Stages

- 2016 **HASCO Summer School**, *University of Göttingen, Germany.*
The main objectives of the hadron collider physics school (HASCO) were introductory topics in elementary particle physics, in particular in hadron collider physics as relevant for research at the Large Hadron Collider (LHC)
<http://hasco.uni-gottingen.de>
<https://youtube.be/VZAtX29uoiw>
- 2014-2015 **Experimental School of Scientific Communication**, *Organized by "Libreria Assaggi", "accatagliato", "MaddMaths!", Rome.*
- 2014 **Scientific writing course**, *Organized by the Physics department, La Sapienza, Rome.*
- May 2010 **Training Course "Youth Inclusion Actions"**, *Cesme, Turkey.*
With the European association YEN (Youth Express Network)
- June 2010 **Training Course "Take Another Step"**, *Rogla, Slovenia.*
With the European association YEN (Youth Express Network)

Computer skills

Programming in C and C++
Good knowledge of Microsoft Office, Open Office and Linux
Knowledge of Origin, Gnuplot and ROOT

Communication Skills

Good communication skills gained through my experience as a presenter to various events (cultural and musical), experience in theatre and participation of Scientific Communication's school. Thanks to my experiences abroad, I learned to communicate with people from different background.

Organizational Skills

Good organizational skills acquired through my active participation in the volunteering association "IdeAzione" as well as being the treasurer for the such association.

Languages

- Italian **Mothertongue**
- English **Proficient (B2)** *TOEFL iBT and First Certificate in English FCB (Cambridge ESOL Examinations)*
- French **Intermediate (B1)** *Diplôme d'Études en Langue Française DELF (Ministère de l'Éducation nationale française)*
- Neo Greek **Basic User (A1)** *Private lessons*

Interests

Traveling, reading, sport (in particular Volleyball and Running)

M. Dedina