



## Personal information

Name / Surname

Address

Telephone

Personal Email

Nationality

Date of birth

Gender

**Francesco Pio De Cosmo**

(+39)

Italian

21 April 1998

Male

## Work experience

22 September 2023 –

1 February 2024

**Teacher**

Liceo Scientifico Vallisneri, Lucca, Italia

High school teacher of Mathematics and Physics

October 2020 – February 2021

February – December 2022

**Tutor activity**

Dipartimento E.Fermi, Università di Pisa, Italia

Teaching support for university students

## Education

2012–2017

**High School Diploma**

Liceo Scientifico G. Marconi, Foggia, Italia

Overall Mark: 100/100 with honors

2017–2020

**Bachelor's degree in Physics**

Dipartimento E.Fermi, Università di Pisa, Italia

*"Emmy Noether: dal contesto storico alla formulazione del teorema"*

Supervisor: Marco Maria Massai

Overall Mark: 95/110

2020–2023

**Master's degree in Physics**

Dipartimento E.Fermi, Università di Pisa, Italia

*"Fundamental Composite Higgs searches at future Muon Collider"*

Supervisor: Dario Buttazzo

Overall Mark: 110/110

I have been an external student at SNS (Scuola Normale Superiore).

## Training experience

July 2017 – August 2017

**ATC Language School**

ATC Language School, National University of Ireland, Mayor street, Dublin (Ireland)

Language courses to develop practicing interview and language skills.

31 May 2021 – 4 June 2021

**Higgs Centre of Theoretical Physics School**

University of Edinburgh, Edinburgh (Scotland/UK)

18 – 26 July 2021

Online advanced school about theoretical aspects of high energy particle physics: modern methods for feynman integrals & examining the Higgs

## HASCO Summer School

University of Goettingen, Friedrich-Hund-Platz 1, Goettingen (Germany)

Schools on collider physics and elementary particle.

### Language skills

Mother tongue

Other language(s)

*Self-assessment  
European level<sup>(\*)</sup>*

**English**

**French**

### Italian

English, French

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	B2
A1	A1	A1	A1	A1

<sup>(\*)</sup> Common European Framework of Reference (CEF) level

Anglia Certificate of English ESOL International

Communication

Good predisposition to interpersonal interaction in the workplace and good ability to communicate with younger people. I am experienced in working in a multicultural context.

### Computer skills

Basic Computer skills certified by European Computer Driving License (ECDL)

Programming in Python | Mathematica | C | Fortran.

Good skills in using Python and Wolfram Mathematica for data analysis and numerical computation. Intermediate skills in the use of the Fortran and C language acquired through the study and simulation of physical systems.

### Affiliations

2018 – Today

#### AISF

I am a member of the local AISF (Italian Association of Physics Students) in Pisa.

2020 – Today

#### SIF

I am a member of the Italian Society of Physics (SIF).

Driving licence(s)

I have a driving license of type B.

### Personal interests

I enjoy photography, reading, and practicing sports, like cycling and trekking. I like also to travel and interact with different cultures

**Il sottoscritto, consapevole che – ai sensi dell'art. 76 del D.P.R. 445/2000 – le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali, dichiara che le informazioni rispondono a verità.**

**Il sottoscritto in merito al trattamento dei dati personali esprime il proprio consenso al trattamento degli stessi nel rispetto delle finalità e modalità di cui al d.lgs. n. 196/2003**

Pisa, 15/12/2023