

## PERSONAL INFORMATION

## Feliciana Sapio

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Gender Female | Date of birth 17/02/1996 | Nationality italian

CURRENT EMPLOYMENT /  
OCCUPATIONAL FIELDPhD student-ASTRONOMY, ASTROPHYSICS AND SPACE  
SCIENCE at University of Rome "La Sapienza".

## EDUCATION AND TRAINING

11/11/2020 Winner of the 36th cycle admission to PhD courses academic year  
2020/2021

University of Rome "La Sapienza".

Grant INAF-IAPS: "European GNSS Galileo as an infrastructure for fundamental physics  
experiments and cosmology; current applications and future developments"

29/10/2020 Winner of the 36th cycle admission to PhD courses academic year  
2020/2021

University of Florence.

21/10/2020 Master's degree in Physics (LM), LM-17- CLASS OF MASTER'S  
DEGREES IN PHYSICS, curriculum ASTROPHYSICS.

University of Naples Federico II

Master's thesis in Astrophysics entitled "*Study of the correlated matter distribution around  
massive galaxy clusters*" with final grades 110/110 cum laude.

Principal subjects/occupational skills covered:

In-depth knowledge of modern astronomy and astrophysics with an emphasis on  
experimental, technological and theoretical observational aspects.

In particular, during the thesis work I studied weak gravitational lensing and analyzed data  
related to galaxy clusters through programs developed in Python.

2-04-2019 Assigned grant from SHANGHAI NORMAL UNIVERSITY. DM 1047  
DEL 29/12/2017 - MOBILITY FOR THESIS RESEARCH ABROAD

International Relations Office of University of Naples Federico II

Because of the Covid-19 emergency, the undersigned, at the moment, could not benefit  
from the experience related to the grant.

19-12-2018 24 ECTS as in D.M 10 August 2017, n.616, teaching qualification  
diploma

University of Naples Federico II

Principal subjects/occupational skills covered:

Knowledge of the basic elements of Pedagogy and Psychology and related teaching skills  
in Mathematics and Physics.

## 17-01-2018 Degree in Physics Class N.L-30-Class of the degrees in Physical Sciences and Technologies-D.M 270/2004.

University of Naples Federico II

Thesis in Astrophysics entitled "*The component of dark matter in elliptical galaxies*" with final grades 110/110.

Principal subjects/occupational skills covered:

In-depth knowledge of the basic fields of classical and modern Physics, familiarity with the scientific method of investigation as well as team work.

In particular, during the thesis work I studied and applied the strong gravitational lensing as an observational technique in the investigation of dark matter. For this purpose, I also used the Lenstool application that allows to model the mass distribution of any strong lensing system.

## July 2014 Science High School diploma

Science High School 'Cristoforo Colombo' - Marigliano - Naples

Level in national or international classification: 100/100 cum laude

Principal subjects/occupational skills covered:

Solid general culture and development of valid logical-interpretative and communication skills.

## SCIENTIFIC DIVULGATION ACTIVITIES

Years 2015-2021

- Coordinator of the cultural association "Gruppo Astrofili Marigliano"
- Speaker at the events UAI (Unione Astrofili Italiani) "La notte dei congiunti", "La festa dell'Equinozio"
- Astronomic observations using telescopes promoted by cultural association "Oltremarigliano"
- Attendance at the event "Futuro Remoto" (two editions) held in Piazza Plebiscito in Naples with the Association of Social Promotion "Ponys APS" (Physics & Optics Naples Young Student)
- Attendance at the event "Passione Fisica" in 'Città della Scienza' in Naples with the Association of Social Promotion "Ponys APS" (Physics & Optics Naples Young Student)

## PERSONAL SKILLS AND COMPETENCES

Mother tongue Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
	<ul style="list-style-type: none"> <li>• EDI Level 1 Certificate ESOL International JETSET Level 5 (CEFR B2) issued on 19th October 2012</li> <li>• Trinity College London Grade 8 Graded Examination in Spoken English B2.2 of the CEFR issued in October 2012</li> </ul>				
French	A2	A2	A2	A2	A2
	DELFA A2 issued in May 2009				

## Computer skills and competences

- a good competence of the office suite tools (word-processor, spreadsheet, presentation software)
- a good competence of Python and Latex languages acquired during the thesis work
- basic knowledge of Matlab

11-06-2009

Certificate ECDL (European Computer Driving Licence)  
President of AICA (Italian Association for Information Technology and Computing Promotion)

## Driving licence

B

## ADDITIONAL INFORMATION

## Conferences (as coauthor)

- virtual European Geodesy Union 2021 (vEGU21), 27-28-29 April 2021
- 16th Marcel Grossmann Meeting, 5,8 July 2021

## Talks and seminars

- “Quid Ultra? Frontiers and Controversies in Astrophysics” colloquia
- Online Cosmology Colloquium
- Tor Vergata Astrophysics Seminars
- IAPS Seminar Series
- Online INAF Seminars