



Agnese De Carlo

Nationality: Italian | Date of birth: 09/02/1993 | Gender: Female

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EDUCATION AND TRAINING

[current]

PhD student in co-tutorship

- Università degli Studi Roma Tre - Science Department
PhD in Condensed Matter Physics, Nanoscience and Complex Systems
Via della Vasca Navale, 84, 00146, Rome (Italy)
- Institut national de la recherche scientifique – INRS – Centre Énergie Matériaux Télécommunications
Doctorat en sciences de l'énergie et des matériaux – 3732
1650, boul. Lionel-Boulet, J3X 1P7, Varennes (Québec-Canada)

[1/06/2021]

Master's Degree in Physics

Università degli Studi Roma Tre - Mathematics and Physics Department
Via della Vasca Navale, 84, 00146 Rome (Italy)
Curriculum in Solid State Physics (LM-17)
Final grade: 110/110
Thesis: "Photophysical properties changes of organic dyes induced by accelerated UV aging"

[31/03/2016]

Bachelor's Degree in Physics

Università degli Studi Roma Tre - Mathematics and Physics Department
Via della Vasca Navale, 84, 00146 Rome (Italy)
Curriculum in Physics (L-30)
Final grade: 110/110
Thesis: "Interferometric system: applications to cultural heritage"

[2012]

High School Diploma

Liceo Scientifico Statale "Louis Pasteur"
Scientific Diploma
Via Giuseppe Barellai, 130, 00135 Rome (Italy)
Final grade: 86/100

WORK EXPERIENCE

[2021-2022]

Tutor

Università degli Studi Roma Tre - Science Department
First year of Geology bachelor's degree
I won the tutor position of the course "Matematica" for the academic year 2021/2022. My tutoring activity aims to help students understand and solve math exercises.

[2017-2021]

Science divulgation for children

Scienza Divertente Roma
Via Achille Bizzoni, 12, 00159 Rome (Italy) <https://roma.scienza-divertente.com/>
Scienza Divertente Roma is an association that collaborates with the international network Nutty Scientists, spread in over 45 countries, which is responsible for promoting science through interactive laboratories and scientific shows for children from 3 to 14 years old.

[2017-2020]

Tutor

Università degli Studi Roma Tre - Mathematics and Physics Department

Third year of Physics Bachelor's Degree

I won the tutor position of the course "Esperimentazioni di Fisica III" for the following academic years: 2017/2018, 2018/2019 and 2019/2020. My tutoring job was carried out during laboratory activities of analogical and digital electronics as an aid to students both for the use of the laboratory equipment and for learning.

[2018-2019]

Tutor

Università degli Studi Roma Tre - Mathematics and Physics Department

First year of Physics Bachelor's Degree

I won the tutor position of the course "Esperimentazioni di Fisica I" for the academic years 2018/2019. My tutoring job was carried out during laboratory activities of the principles of physics as an aid to students both for the use of the laboratory equipment and for learning.

[2018-2019]

Assistant

Università degli Studi Roma Tre - Mathematics and Physics Department

I won this collaboration studentship for the academic years 2013/2014 and 2014/2015. My main activities and responsibilities were laboratory assistant, secretary assistant and active participation and organization during events planned by Università degli Studi Roma Tre.

LANGUAGE SKILLS

Mother tongue: **Italian**

Other languages:

English: B1

Spanish: B2

DIGITAL SKILLS

- **Office Pack:** Microsoft PowerPoint / Microsoft Word / Microsoft Excel / Microsoft OneNote / Microsoft Outlook / Microsoft Publisher / Microsoft Teams / Skype for Business
- **Google Pack:** Google Drive / Google Docs / Google Meet / Gmail
- **Data Analysis:** Gnuplot / Origin
- **Programming:** LaTeX / CC++ (basic level) / Python (basic level)
- **Web Browser:** Google Chrome / Mozilla Firefox / Internet Explorer
- **Operating Systems:** Microsoft Windows

CONFERENCES

[9-10/12/2021]

XII International AIES Conference "Diagnosis for the Conservation and Valorization of Cultural Heritage"

Conference proceeding: "Photophysical properties changes of organic dyes induced by accelerated UV aging".

Museo Archeologico Nazionale di Napoli, Naples

[19-21/10/2023]

2023 IMEKO INTERNATIONAL CONFERENCE - Metrology for Archaeology and Cultural Heritage

Conference proceeding: "Monoazo and Isoindoline Yellow reactivity in presence of Pb, Ti, Zn-based white substrates".

Rome, Italy / October 19-21, 2023.

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Rome, 17/01/2023

