

# Angelica Vecchiarelli

## EDUCATION AND TRAINING

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- [ 2020 – 2023 ] **B.Sc. in Physics with grade 110/110 with Honors**  
*Facoltà di Scienze Matematiche, Fisiche e Naturali - Università La Sapienza*  
City: Roma | Country: Italy |
- [ 2015 – 2020 ] **Scientific High School with grade 100/100**  
*Liceo Scientifico Statale Camillo Cavour*  
City: Roma | Country: Italy |
- [ 2018 – 2019 ] **General Certificate of Education Advanced Subsidiary Level and Advanced Level (A- levels) in Mathematics**  
*Cambridge International Schools*
- [ 07/2018 ] **English Language course, B2 certificated**  
*EC International School*  
City: St. Julian's | Country: Malta |
- [ 2015 – 2017 ] **Cambridge International General Certificate of Secondary Education (IGCSE) in Physics with grade A(a)**  
*Cambridge International Schools*
- [ 2015 – 2017 ] **Cambridge International General Certificate of Secondary Education (IGCSE) in Mathematics with grade A(a)**  
*Cambridge International Schools*
- [ 2015 – 2017 ] **Cambridge International General Certificate of Secondary Education (IGCSE) in English as a Second Language with grade C(c)**  
*Cambridge International Schools*
- [ 09/2017 ] **Cambridge course in Physics and Mathematics**  
*Kings Education*  
City: Oxford | Country: United Kingdom |
- [ 07/2017 ] **English Language Course, B2 certificate**  
*George's Heriot's School*  
City: Edinburgh | Country: United Kingdom |
- [ 07/2016 ] **English Language Course**  
*MLI International Schools*  
City: Dublin | Country: Ireland |

## HONOURS AND AWARDS

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[ 16/05/2024 ] **Scholarship "Più Donne nella Fisica" Awarding institution: INFN**

"Più Donne nella Fisica" project of Istituto Nazionale di Fisica Nucleare (INFN), competition for n.25 scholarships for girl students subscribed to the Physics Master for the academic year 2023/2024.

## WORK EXPERIENCE

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[ 2021 – Current ] **Maths and Physics Private Tutor**

Self-employed, part-time job:

- Monitored and assessed high school and university student's performance.
- Developed lesson plans customized for student's diverse needs.

[ 04/2024 ] **Scientific Animator**

**Fondazione Musica per Roma**

**City:** Roma | **Country:** Italy

Held workshops for seven days for classes of elementary schools and for children and their families about the solar system for the Istituto Nazionale Astrofisica (INAF) research institution.

## PROJECTS

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[ 2018 – 2020 ] **Olimpiadi di Matematica, Team competition Project**

Selected and summoned in order to be one of the seven members of Liceo Cavour's team for the mathematics olympics for three different years: 2018, 2019, 2020. For each year have been reached the regional and then the provincial contest phases.

[ 2018 – 2019 ] **Lab2Go Physics**

INFN project based on cataloging and re-qualification of physics laboratories in High Schools of Rome.

[ 2017 – 2019 ] **Erasmus+ YEurope**

participation to an editorial team made up of students from five different countries: Italy, Spain, Germany, Estonia and Poland. Writing an European Student Magazine (ESM) by sharing the different as well as connected perspectives on the same issue.

Developed competences:

- communication in foreign languages
- digital competence
- social and civic competences
- culturale awareness

[ 11/2019 ] **National Laboratory in Frascati INFN**

Daily laboratory experience about determining Plank's constant at INFN National Laboratories in Frascati, RM.

[ 02/2019 ] **Astrophysics masterclass at University Roma Tre**

Piano Lauree Scientifiche, Università degli Studi Roma Tre. Daily research on extragalactic light-sources observed with NASA and ESA telescopes. Measurements of flux, redshift and luminosity.

[ 2019 ] **Olimpiadi di Matematica - Individual competition 2019**

Convocation and participation in the Provincial Selection of the Mathematics Olympiad (individual competition).

[ 2017 – 2018 ] **INGV Radon Research**

Research on the presence of gas Radon in different areas of Rome, collection of data, data analysis and writing of a scientific report in collaboration with Istituto Nazionale di Geofisica e Vulcanologia (INGV).

[ 11/2018 ] **Cultural exchange for the project Erasmus+ YEurope**

One week of cultural exchange in Barcelona, Spain.

[ 04/2018 ] **Cultural Heritage, Photogrammetry and Laser Scanning Project**

Three-dimensional mapping for cultural heritage restoration and computer programming course (ReCap) in Emilia Romagna (Reggio Emilia, Modena, Bologna), Italy.

[ 2017 ] **Olimpiadi di Matematica - Individual competition 2017**

Convocation and participation in the Provincial Selection of the Mathematics Olympiad (individual competition).

## CONFERENCES AND SEMINARS

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[ 05/2019 ] **International Seminary focused on Human Rights** Weimar, Germany

One week of workshops, conferences and seminary about the Human Rights.

[ 10/2016 ] **International seminary "Sound it Out 2016 - European perspectives on gender equality and girls specific youth education"**

International House of Sonnenberg, Germany

Participation to a weekly multinational conferences founded by Erasmus Plus and focused on girls work and girls empowerment.

## LANGUAGE SKILLS

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**Mother tongue(s):** Italian

**Other language(s):**

**English**

**LISTENING C1 READING C1 WRITING B2**

**SPOKEN PRODUCTION C1 SPOKEN INTERACTION B2**

**Spanish**

**LISTENING B1 READING B1 WRITING B1**

**SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## DIGITAL SKILLS

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**My Digital Skills**

Conoscenze di base di R e Python per analisi statistica e previsione di dati |  
Programming: C Programming | Conoscenza ed utilizzo del pacchetto Latex | Microsoft Office

*Autorizzo il trattamento dei miei dati personali presenti nel CV ai sensi dell'art. 13 d. lgs. 30 giugno 2003 n. 196 - "Codice in materia di protezione dei dati personali" e dell'art. 13 GDPR 679/16 - "Regolamento europeo sulla protezione dei dati personali".*

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