



## ABOUT MYSELF

I'm a Physics student eager to learn new things

Biagio Valenti

## EDUCATION AND TRAINING

**09/2023 – CURRENT** Rome, Italy

**Master's degree in Physics** Sapienza University - Uniroma1

**Field of study** Statistical Physics, Soft Matter Physics, Biophysics, Physics applied to Cultural Heritage

**09/2024 – CURRENT** Rome, Italy

**Bachelor's degree in Archeology** Sapienza University

**09/2020 – CURRENT** Roma, Italy

**Collegio Universitario "Lamaro Pozzani" Merit Scholarship**  
University College of the Federation of Holders of the Order of Merit for Labor "Lamaro Pozzani"

Highly selective scholarship awarded to 14 students every year after a selection process. Provides room and board benefits and additional lessons of Economy, Global Studies, Finance, English, French

**08/2024 – 01/2025** Paris, France

**Erasmus programme - M2 Physics of Complex Systems** Université Paris Saclay, Sorbonne Université, Université Paris Cité

**Field of study** Statistical Physics, Physics of Complex Systems

**09/2020 – 09/2023** Roma, Italy

**Bachelor's degree in Physics** Sapienza University- Uniroma1

**Final grade** 110/110 cum laude | **Thesis** Fourier Transform Infrared Spectroscopy (FTIR): application to pigmental analysis

**01/2022 – 09/2023** Rome, Italy

**Excellence Course** Physics Department, Sapienza University

Highly selective access programme for students of the Physics Bachelor. Topics covered: mathematical Physics, statistical Physics, Epistemology

**10/2022 – 06/2023** Rome, Italy

**One year course - Scuola di Politiche** Scuola di Politiche

Renowned Italian political sciences and policy making course, only 100 students are admitted every year following a strict selection

**ECDL certificate-Modules 1,2,3** CEPIS

**09/2015 – 06/2020** Sansepolcro, Italy

**High school diploma in scientific studies "Città di Piero"** High School

**Final grade** 100/100 cum laude

**09/07/2020 – 23/07/2020** Milano, Italy

**PoliCollege Summer School** Milan Politecnico University

23/01/2019 – 25/01/2019 Pisa, Italy

**Settimana Matematica Winter School** Pisa University

08/09/2016 – 14/09/2016 Assisi, Italy

**Math & More Summer School** Perugia University, Principe di Napoli High School

## WORK EXPERIENCE

12/2024 – 12/2024 Paris, France

**Institut Curie laboratory internship** Institut Curie, UMR 168 - Physique des Cellules et Cancer (Physics of Cells and Cancer)

Execution of biophysical experiments and data analysis related to the spreading of presomitic mesoderm tissues from chicken embryos on extracellular matrix substrates

06/2023 – 07/2023 Frascati, Italy

**DAFNE-Light laboratory internship** INFN - Istituto Nazionale di Fisica Nucleare (National Institute for Nuclear Physics)

FTIR analysis on artworks and interpretation of the resulting spectra for pigment identification

03/2024 – 07/2024 Roma, Italy

**University teaching assistant** Sapienza University

Assistance to professors in delivering lectures and conducting experiments, as well as in drafting and grading exams for the mechanics course

02/2024 – 07/2024 Rome, Italy

**Sapienza University press and communication unit work-study scholarship** Sapienza University

Writing of scientific press releases, execution of press reviews

01/2022 – 02/2023 Rome, Italy

**Physics Department library assistant work-study scholarship** Sapienza University

Management of the library loan and return desk, oversight of reading rooms

01/2020 – CURRENT

**Private homework tutor**

Private tutoring provided to high school and university students

09/2023 – CURRENT Pieve Santo Stefano, Italy

**President** Centro Civiltà Contadina "Dini Dini" ("Dina Dini" Museum of Rural Life)

Management and organization of a museum and its volunteers, administration of European NextGeneration EU funds and financing, and coordination of relations with other institutions

06/2016 – CURRENT Pieve Santo Stefano, Italy

**Tour guide** Piccolo Museo del Diario (Little Museum of Diaries)

Conducting guided tours with storytelling in Italian or foreign languages

06/2017 – 09/2017 Pieve Santo Stefano, Italy

**Cataloger of diaries** Archivio Diaristico Nazionale (National Archive of Diaries)

Voluntary work, cataloging of texts and entry into databases

05/2019 – 07/2019 Sansepolcro, Italy

**Cataloger of archaeological artifacts** CESQ - Centro Studi sul Quaternario (Quaternary Study Center)

Cataloging of archaeological artifacts, including identification, dating, and creation and management of databases

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Italian

**OTHER LANGUAGE(S):** French - B2 level (DELF certificate) | English - C1 level (Cambridge First certificate)

## DIGITAL SKILLS

Python | Linux | Microsoft Office | Origin software (data processing and analysis) | OPUS spectroscopy software | C / C++ / C+ | Google Suite (Doc, Slides, Form, Sheet, Drive) | Machine Learning •