



# Martina Pepiciello

---

**Date of birth:** 21/05/1997 | **Nationality:** Italian | **Gender:** Female | (+39) 3388113378 |  
(+39) 051472795 | [info@martinapepiciello.com](mailto:info@martinapepiciello.com) | Via Giuseppe Torelli, 8, 40141, Bologna, Italy

## ● WORK EXPERIENCE

---

2022 – Bologna, Italy

**CREATION AND REVISION OF EDUCATIONAL CONTENT** – Zanichelli Editore

---

Creation of educational presentations for high school classes (mathematics and physics)  
Revision of high school exercises (mathematics)  
Editorial work on high school textbooks (mathematics)

2021 – Bologna, Italy

**SCIENCE-RELATED GRAPHICS, ILLUSTRATION AND COMMUNICATION** – Self-employed

---

Creating scientific illustrations, graphics and print on demand design  
Social media and website management; science communication  
Link: <https://www.martinapepiciello.com/>

2016 – Bologna, Italy

**ILLUSTRATOR, GRAPHIC AND WEB DESIGNER** – Eelda's League Project

---

Creating custom illustrations and graphics, both in raster and vector format  
Curating website appearance

12/2019 – 10/2020 – Bologna, Italy

**MATHEMATICS AND PHYSICS TUTOR** – University of Bologna - Pharmacy Department

---

Tutoring and mentoring students on Mathematics and Physics  
Assisting and supporting students and professors during exams  
Teaching preparatory courses in Mathematics and Physics

## ● EDUCATION AND TRAINING

---

09/2019 – 07/2021

**MASTER'S DEGREE IN THEORETICAL PHYSICS** – Alma Mater Studiorum - University of Bologna

---

Theoretical physics; mathematical and programming skills; science communication and storytelling; project writing  
120 ECTS | Final grade: 110/110 with honours. Dissertation title: *Electroproduction of Hypernuclei*

09/2016 – 07/2019

**BACHELOR'S DEGREE IN PHYSICS** – Alma Mater Studiorum - University of Bologna

---

General physics; mathematical, laboratory and programming skills  
180 ECTS | Final grade: 110/110 with honours. Dissertation title: *Supersymmetric Quantum Mechanics and Applications*

09/2011 – 07/2016

**DIPLOMA DI LICEO SCIENTIFICO + BACCALAURÉAT FILIÈRE SCIENTIFIQUE** – Liceo Ginnasio Luigi Galvani - French International branch with scientific option

---

Scientific subjects, French language and culture, cross-cultural skills  
Final grade: 100/100 with honours

09/2013 – 06/2016

**EXTREME ENERGY EVENTS PROJECT** – Liceo Ginnasio Luigi Galvani

---

Physics of cosmic rays, maintenance of cosmic ray detector with data acquisition and analysis

04/2016

**INTERNATIONAL MASTERCLASS: HANDS ON PARTICLE PHYSICS (ONE WEEK)** – Frascati National Laboratories

---

Modern physics, computer laboratory

09/2015

**EXCELLENCE SUMMERSCHOOL “OLIFISER-MARCHE” (ONE WEEK)** – AIF (Associazione Italiana Fisica)

---

Solution of theoretical and experimental Physics problems, individually or in groups

06/2014 – 10/2014

**SUMMER SCHOOL “THE GARDEN OF ENTERPRISES”** – Golinelli Foundation

---

Entrepreneurship, teamwork, project development

## ● HONOURS AND AWARDS

---

06/2018

**Award for academic merits** – Alma Mater Studiorum - University of Bologna

---

06/2016

**“Certilingua” certificate** – MIUR

---

I obtained the “Certilingua” European certificate of excellence for multilingual and international skills, using the French and English languages.

02/2016

**First place in the Physics Olympics of Bologna** – AIF (Associazione Italiana Fisica)

---

I took part in the Physics Olympics of Bologna, I was awarded the first place and accessed the national competition.

06/2016

**“Zucchi” prize for excellence in French** – Liceo Ginnasio Luigi Galvani

---

06/2015

**“Vitali” prize for excellence in Mathematics and Physics** – Liceo Ginnasio Luigi Galvani

---

## ● CONFERENCES AND SEMINARS

---

12/2014

**Speaker at “Extreme Energy Events” conference in Erice (TP)** – Ettore Majorana Centre for Scientific Culture

---

Public speaking at the conference, poster presentation

## ● LANGUAGE SKILLS

---

<b>Mother tongue</b>	ITALIAN	
<b>Other languages</b>	ENGLISH	C1
	FRENCH	C2

---

## ● COMMUNICATION AND INTERPERSONAL SKILLS

---

### Teamwork

---

Ability to effectively work in groups, acquired through school, university and personal projects, as well as during the "Garden of Enterprises" Summer School

### Cross-culture communication

---

Ability to communicate with foreign cultures, acquired in the International High School and thanks to the exchange that was organised during it

### Communication of scientific concepts

---

Ability to share my knowledge of science, acquired through tutoring, public speaking at the "Extreme Energy Events" conference and a science storytelling course at the University of Bologna

### Visual communication

---

Ability to create visually compelling images and graphics that can convey defined feelings or concepts, acquired through personal and online projects

## ● ORGANISATIONAL SKILLS

---

### Project organisation

---

Ability to organise an individual or group project, by identifying the priorities and the steps that are necessary to achieve the result; this was acquired in school, university and personal projects, as well as during the "Garden of Enterprises" Summer School

## ● DIGITAL SKILLS

---

### Programming languages

C++, Python, LaTeX Software, Wolfram Mathematica, LabVIEW, HTML, CSS, Flutter

### Adobe suite

Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Adobe Premiere, Adobe Animate

### Microsoft Office

Microsoft Word, Microsoft Excel, Microsoft Power Point, Microsoft One Note

### Virtual meeting platforms

Microsoft Teams, Skype, Zoom, Google Meet

## ● HOBBIES AND INTERESTS

---

Traditional and digital drawing and painting

Manipulation of digital images  
Classical dancing  
Playing the piano and the guitar

- **DRIVING LICENCE**

---

**Driving Licence: B**