

## CURRICULUM VITAE of Leonardo Colletti as of December 2024

Leonardo Colletti is a physicist and philosopher renowned for his academic, research, and outreach contributions. He holds degrees in Physics and Philosophy and earned a Ph.D. in Physics. Over his career, he has conducted research at the **Lawrence Livermore National Laboratory** and was a member of the **Committee for Informing the Public** of the **American Physical Society**, actively engaging in scientific communication with the public.

### **Academic and Professional Career**

Colletti has taught **History of Physics** at the University of Trento and collaborated with prestigious institutions. Currently, he is a contract professor of **Physics Didactics** at the **University of Bolzano**, while also teaching at **Liceo Carducci** in Bolzano. His teaching is characterized by a strong emphasis on linking scientific principles with broader cultural and societal contexts.

### **Scientific Publications**

Colletti has authored several scientific articles, focusing on:

- **Quantum physics**: Investigating subatomic phenomena.
- **Science education**: Developing innovative methods for teaching physics at secondary and university levels.
- **Interdisciplinary studies**: Exploring connections between physics and philosophy.

His publications are featured in specialized scientific journals, contributing to advancements in physics education and theoretical insights.

### **Books and Popular Science**

In addition to his academic output, Colletti has written accessible books and novels, including:

- **"Quadri di un'esposizione"**

This book bridges physics and visual arts, using 33 masterpieces to explain key concepts in physics.

- **"Il testamento di Joseph Mariotti"**

A science-themed novel addressing the ethical and philosophical implications of scientific research.

These works showcase his dedication to making science engaging and comprehensible to a broad audience.

### **Outreach and Public Engagement**

Colletti actively participates in seminars and conferences, collaborating with publishers like **Lindau** to promote scientific literacy through books and public talks. His approach integrates physics with artistic and philosophical perspectives, inspiring both students and the general public.

Bolzano-Bozen, Italy

December, 8th, 2024 Leonardo Colletti