

Giovanni Maglio

B.Sc. in Physics — University of Milan

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Education

- **Bachelor's Degree in Physics**, University of Milan (Italy) Oct 2022 – Oct 2025
Final grade: 102/110.
Thesis: *Uncertainties in the parametrization of the proton and determination of the electroweak parameters in the Standard Model Lagrangian.*
Supervisor: Prof. Alessandro Vicini.
- **High School Diploma in Applied Sciences**, Liceo Scientifico “G. Galilei”, Crema (CR), Italy 2017–2022
Final grade: 95/100.

Research and Academic Interests

- Theoretical particle physics, Standard Model phenomenology
- Quantum field theory and electroweak interactions
- Mathematical physics and symmetry principles

Publications and Thesis

- **Bachelor's Thesis (2025)** — *Uncertainties in the parametrization of the proton and determination of the electroweak parameters in the Standard Model Lagrangian.*
Supervisor: Prof. Alessandro Vicini, University of Milan.
📄 [Download thesis \(PDF\)](#)
- (Future publications or conference abstracts can be added here.)

Teaching and Tutoring Experience

- Private tutoring in Mathematics, Physics, Computer Science, and Chemistry (2022–present)

Technical and Computational Skills

Programming languages: C, C++, Python, Bash, L^AT_EX

Software and tools: Linux, Git, Mathematica, ROOT, text editors (VS Code)

Languages: Italian (native), English (B1 level)

Personal Interests

- Classical music (pianist)
- Literature and philosophy
- Nature and mountain activities (fishing, hiking)
- Writing book reviews on my website [RecenSito](#)

References

Available upon request.