

# Enrico Berni

## Curriculum Vitae

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🌐 [enricoberni.github.io](https://github.com/enricoberni)

### Education

- From 2025 **PhD in Mathematics**, *Temple University*, Philadelphia, PA
- 2022 - 2025 **Master's Degree in Mathematics**, *University of Pisa*, Pisa, Italy, 110/110 cum Laude
- 2018 - 2022 **Bachelor's Degree in Mathematics**, *University of Pisa*, Pisa, Italy, 106/110
- 2013 - 2018 **High School Diploma**, *Liceo Scientifico "G.Marconi"*, Grosseto, 100/100 cum Laude

### Master's Thesis

- Title Bounded Cohomology of Pinched Negatively Curved 3-Manifolds with Positive Cheeger Constant
- Advisor Prof. Roberto Frigerio

### Bachelor's Thesis

- Title An Introduction to the Theory of Stable Cohomology Operations
- Advisor Prof. Filippo Gianluca Callegaro

### Workshops and Conferences

- April 2025 **Manifolds and Groups in Bologna III**, Bologna, Italy  
Workshop on low-dimensional geometry and geometric group theory, organized by the Department of Mathematics of the University of Bologna.
- September 2024 **LiT II: Lost in Topology**, Pisa, Italy  
International workshop in geometry and topology, organized by the "Ennio De Giorgi" research centre of the Scuola Normale Superiore
- January 2024 **RGAS School on Singularities**, Sevilla, Spain  
Winter school in Algebraic Geometry, organized by the Mathematics Institute of the University of Sevilla
- 2022 - 2024 **Geometry and Topology seminar cycle "Seminari dei baby-geometri"**, Pisa, Italy  
Participant

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## Teaching

- Feb. 2025 - **Teacher, Computer Science**, *ITCS "Filippo Pacini"*, Pistoia, Italy  
Jun. 2025 Winner of CV-based selection
- Sep. 2024 - **Teacher, Mathematics and Physics**, *Liceo Scientifico "Amedeo di Savoia, Duca di Aosta"*, Pistoia, Italy  
Nov. 2024 Winner of CV-based selection
- 2023 - 2024, **Teaching Assistant for the course "Algebra Lineare A"**  
2024 - 2025 Winner of a merit-based contract for recitations and exam marking, paid by the Department of Physics of the University of Pisa. Won again for the 2024-2025 academic year.

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## Other experiences

- 2020 - 2022 **Student Representative**, *Department of Mathematics, UniPi*  
Department Council, Faculty Board, Department Junta

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## Languages and languages

- Italian **Native speaker**
- English **Proficient, IELTS 8.0/9**
- MATLAB **Intermediate level**
- $\text{\LaTeX}$  **Advanced level**
- C **Intermediate level**
- C++ **Intermediate level**
- HTML **Intermediate level**