

EDUCATION AND TRAINING

[01/11/2025 – Current]

PhD in Mathematics
Department of Mathematical, Physical and Computer Sciences, University of Parma, Italy.
Joint PhD program between the Universities of Ferrara, Modena and Reggio Emilia, and Parma
Advisor: Adriano Tomassini
Co-Supervisor: Andrea Cattaneo

[01/10/2021 – 19/09/2024]

Master of Science in Mathematics
Department of Mathematical, Physical and Computer Sciences, University of Parma, Italy.
Final grade: 110/110 cum laude | **Thesis:** Bott-Chern, Aeppli Cohomologies and Formality of Complex Manifolds

[01/10/2017 – 29/04/2021]

Bachelor of Science in Mathematics
Department of Mathematical, Physical and Computer Sciences, University of Parma, Italy.
Final grade: 101/110 | **Thesis:** Algebre Differenziali Graduate e Varietà Formali (in Italian)

TEACHING EXPERIENCE

[21/03/2026 – 20/04/2026]

Teaching and organizational assistant for the CORDA Project
Mathematics outreach and orientation program for final-year high school students, Parma, Italy.

[15/12/2025 – 31/10/2026]

Calculus Tutor - Bachelor's Degree in Computer Technology Engineering
Department of Engineering and Architecture, University of Parma, Italy.

[30/09/2024 – 30/06/2025]

High School Mathematics Teacher
Istituto Superiore Statale “Vincenzo Cardarelli”, La Spezia, Italy.

[01/03/2023 – 30/06/2023]

Mathematical Methods Tutor - Bachelor's Degree in Biotechnology
Department of Chemical, Life and Environmental Sustainability Sciences, University of Parma, Italy.

[01/02/2023 – 30/06/2023]

Geometry 1 (Second Module) Tutor - Bachelor's Degree in Mathematics
Department of Mathematical, Physical and Computer Sciences, University of Parma, Italy.

[01/02/2023 – 30/06/2023]

Geometry 2 (Second Module) Tutor - Bachelor's Degree in Mathematics
Department of Mathematical, Physical and Computer Sciences, University of Parma, Italy.

PARTECIPATION IN SCIENTIFIC SCHOOLS, CONFERENCES, AND WORKSHOPS

[13/07/2026 – 17/07/2026]

School on Cohomological Properties of Almost Complex Manifolds and Special Structures
Awarded a scholarship and contributed to the programme with a short talk. Cetraro, Italy.

[22/06/2026 – 03/07/2026]

European School of Differential Geometry
Awarded a scholarship. Contributed to the School activities through a poster presentation and the preparation of lecture notes for the course (*Weighted*) *Constant Scalar Curvature Kähler metrics*, taught by Eleonora di Nezza. L'Aquila, Italy.

[23/02/2026 – 27/02/2026]

Workshop on Cohomological and Metric Properties of Hermitian and Symplectic Manifolds
Invited Partecipant, Erdős Center, Budapest, Hungary.

[26/01/2026 – 30/01/2026]

Winter School in Differential and (Hyper)Complex Geometry
University of Ferrara, Italy.

[19/12/2025] **A complex bridge between analysis and geometry**

Mathematics Department "U. Dini", University of Firenze, Italy.

[15/12/2025 – 16/12/2025] **Riemannian Geometry and related topics**

Mathematics Department "G. Peano", University of Torino, Italy.

[23/06/2025 – 25/06/2025] **Complex Differential Geometry and Special Structures**

Department of Mathematical, Physical and Computer Sciences, University of Parma, Italy.

CONFERENCE CONTRIBUTIONS

[16/07/2026] **School on Cohomological properties of almost complex manifolds and special structures**

Short talk, Cetraro, Italy.

[30/06/2026] **European School of Differential Geometry**

Poster, L'Aquila, Italy.

PUBLICATIONS

2026

N. Cesarino, A. Tomassini, *Aeppli-Bott-Chern Massey products on non-Kähler solvmanifolds*, Anal. Math. Phys. 16, 53 (2026). Database/Platform: SpringerLink--DOI: <https://doi.org/10.1007/s13324-026-01199-2>

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user