

WORK EXPERIENCE

UNDERGRADUATE TUTOR FOR THE COURSE IN ALGEBRA AND GEOMETRY FOR THE BACHELOR'S DEGREE IN INFORMATICS, TELECOMMUNICATION AND ELECTRONICS ENGINEERING (25 HOURS) – UNIVERSITÀ DEGLI STUDI DI PARMA – 16/04/2026 – 07/07/2026 – PARMA, ITALY

UNDERGRADUATE TUTOR FOR THE COURSE IN MATHEMATICAL ANALYSIS 2 FOR THE BACHELOR'S DEGREE IN CIVIL ENGINEERING (25 HOURS) – UNIVERSITÀ DEGLI STUDI DI PARMA – 08/05/2026 – 22/06/2026 – PARMA, ITALY

CULTURAL OPERATOR – ACCADEMIA MEDITERRANEA – 15/09/2025 – 31/10/2025 – MASSAFRA, ITALY

- Maths and Physics tutoring for high school students;
- Planning and organization of activities and workshops for children from elementary and high school;

UNIVERSITÀ DEGLI STUDI DI BARI ALDO MORO – BARI, ITALY

UNDERGRADUATE TUTOR FOR THE COURSES OF GEOMETRY 1, GEOMETRY 2 AND GEOMETRY 4 FOR THE BACHELOR'S DEGREE IN MATHEMATICS (300 HOURS) – 2025 – 2025

UNDERGRADUATE TUTOR FOR THE COURSES OF GEOMETRY 1 AND GEOMETRY 2 FOR THE BACHELOR'S DEGREE IN MATHEMATICS (300 HOURS) – 2024 – 2024

EDUCATION AND TRAINING

01/11/2025 – CURRENT Parma, Italy
PHD IN MATHEMATICS Università degli Studi di Parma

Level in EQF EQF level 8

13/10/2023 – 10/07/2025 Bari, Italy
MASTER'S DEGREE IN MATHEMATICS Università degli Studi di Bari Aldo Moro

Website <https://www.uniba.it/it> | Final grade 110/110 cum laude and academic distinction | Level in EQF EQF level 7 |

Thesis The Ambrose-Singer Theorem for Homogeneous Riemannian manifolds

2020 – 2023 Bari, Italy
BACHELOR'S DEGREE IN MATHEMATICS Univeristà degli studi di Bari Aldo Moro

Website <https://www.uniba.it/it> | Field of study Mathematics | Final grade 110/110 cum laude and academic distinction |

Level in EQF EQF level 6 | Thesis A short journey from Dynkin diagrams to the classification of compact Lie groups

Massafra, Italy
HIGH SCHOOL DIPLOMA Istituto d'Istruzione Secondaria Superiore "D. De Ruggieri"

Website <https://www.liceoderuggieri.it/> | Final grade 100/100 cum laude | Level in EQF EQF level 4

CONFERENCES AND SEMINARS

16/08/2026 – 28/08/2026 Department of Mathematics and Computer Science, Marburg, Germany
Summer school "LcK, Sasakian, and Nilmanifolds: Interactions and Perspectives"

Summer school with final exam

26/01/2026 – 30/01/2026 Online
Winter School in Differential and (Hyper)Complex Geometry

15/12/2025 – 16/12/2025 Torino, Dipartimento di Matematica "Giuseppe Peano", Università degli Studi di Torino
Riemannian Geometry and related topics (attended)

14/07/2025 – 15/07/2025 Università degli Studi di Bari Aldo Moro
Workshop on Even and Odd Dimensional Geometric Structures (attended)

12/06/2025 Bari, Dipartimento di Matematica, Università degli Studi di Bari Aldo Moro
Seminario di geometria e algebra: "An Introduction to Cauchy-Riemann Geometry" , speaker: Francesco Esposito

23/05/2025 Bari, Dipartimento di Matematica, Università degli Studi di Bari Aldo Moro
Seminario di geometria e algebra:"Quaternion skew-Hermitian geometry", speaker: Henrik Winther

05/05/2025 Bari, Dipartimento di Matematica, Università degli Studi di Bari Aldo Moro
Seminario di geometria e algebra: "Dynamics and completeness of the geodesic flow on pseudo and holomorphic Riemannian manifolds", speaker: Ana Cristina Ferreira

17/01/2025 Bari, Dipartimento di Matematica, Università degli Studi di Bari Aldo Moro
Incontro di Geometria Differenziale (attended)

18/12/2024 Bari, Dipartimento di Matematica, Università degli Studi di Bari Aldo Moro
XMaths Workshop 2024 (attended)

19/09/2024 – 20/09/2024 Bari, Dipartimento di Matematica, Università degli Studi di Bari Aldo Moro
2 Days on Geometric Structures and Function Theories (attended)

28/11/2023 Bari, Dipartimento di Matematica, Università degli Studi di Bari Aldo Moro
Seminario di geometria e algebra: "Small, complete subsets of groups without a 3-term arithmetic progression", Speaker: Bence Csajbok

28/09/2023 Bari, Dipartimento di Matematica, Università degli Studi di Bari Aldo Moro
Seminario di geometria e algebra: "Linear degeneration of flag variety: a tale of geometry and combinatoric", Speaker: Sabino Di Trani

21/12/2022 – 22/12/2022 Bari, Dipartimento di Matematica, Università degli Studi di Bari Aldo Moro
XMaths Workshop 2022 (attended)

● **LANGUAGE SKILLS**

Mother tongue(s): **ITALIAN**
Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
FRENCH	B1	B1	B1	B1	B1

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

● **SKILLS**

Familiarity with LaTeX | Good knowledge of Microsoft Office | MATLAB | Rudimentary knowledge of C, C++ | Course on Python for scientific purposes | Good knowledge of SageMath

● **LANGUAGE CERTIFICATES**

English and French Language Certificates

-English3 J1-Visa Interview
-Cambridge English C2 Proficiency
-DELFI B1 (French)

● **HONOURS AND AWARDS**

23/05/2026
Award for best Master's thesis "L'Opera Pia- Anna Maria Pastore" – L’Opera Pia Monte di Pietà e Confidenze di Molfetta

12/03/2025

Third place in the competition pi-talk for the International Day of Mathematics – Dipartimento di Matematica, Università degli Studi di Bari Aldo Moro

12/03/2024

First place in the competition pi-talk for the International Day of Mathematics – Dipartimento di Matematica, Università degli Studi di Bari Aldo Moro

14/03/2023

Second place in the competition pi-talk for the International Day of Mathematics – Dipartimento di Matematica, Università degli Studi di Bari Aldo Moro

● **RESPONSIBILITIES**

2025 – CURRENT

PhD students representative for Quality Assurance for the PhD program in Mathematics of the universities of Modena-Reggio Emilia, Parma e Ferrara

04/11/2024

ANVUR Interview

I was selected to represent the students who had completed their bachelor's degree in Mathematics at the University of Bari on occasion of the ANVUR periodic evaluation of the bachelor's program in Mathematics of the University of Bari.

● **INTERPERSONAL AND COMMUNICATION SKILLS**

Scientific outreach activities

- Talk on platonic solids at liceo scientifico Marconi, 27/02/2026, Parma.
 - Talk "Accarezzando i fiori, desidera il silenzio" pi-talk competition, 12/03/2025, Bari.
 - Talk "Curvatura " for the contest "Parole di Scienza" on occasion of "European Researchers' Night 2024" il 27/09/2024, Bari.
 - Participation in mathematical workshops on tassellations for "European Researchers' Night 2024" il 27/09/2024, Bari.
 - Talk "Grossmann, aiutami sennò divento pazzo" for pi-talk competition , 12/03/2024, Bari.
 - Talk "Breve storia triste della quadratura del cerchio" for pi-talk competition, 14/03/2023, Bari.
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