

Antonio Di Nunzio

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- 👤 Member of the INdAM research group GNSAGA
- 👤 Member of the Marie Curie Alumni Association
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Education

2025–Today **Ph.D. in Mathematics**, Université de Caen & Université de Versailles

- Research Project: “*On the arithmetic of lifted Goss zeta functions*”
- Directors: Bruno Anglès and Lucia Di Vizio

Laureate 2025 of the program “MathPhDInFrance”, co-funded by the European Union’s Horizon Europe research and innovation programme under the Marie Skłodowska-Curie Grant Agreement n° 101126554

2023–2025 **Master’s Degree in Mathematics**, Università di Pisa

- Thesis: “*Arithmetic properties of formal power series modulo p and the Artin–Hasse exponential*”
- Supervisors: Profs. Bruno Anglès and Ilaria Del Corso
- Final grade: 110/110 cum laude

Jan–Jul 2024 **Master 2 Recherche** (Erasmus Mobility), Université de Rennes

- Research internship at LMNO (Université de Caen)
- Mention: Très Bien

2017–2022 **Bachelor’s Degree in Mathematics**, Università di Pisa

- Thesis: “*Galois module structure of weakly ramified extensions of p -adic fields*”
- Supervisor: Prof. Ilaria Del Corso
- Final grade: 110/110

2012–2017 **Scientific High School Diploma**, Liceo Scientifico F. Masci, Chieti

- Final grade: 100/100

Published Papers

Feb 2024 *Clade Size Distribution Under Neutral Evolutionary Models* (joint with F. Disanto), Theoretical Population Biology, vol. 156, pp. 93–102, April, 2024

Dec 2024 *Clade Size Statistics Under Ford’s α -Model* (joint with F. Disanto), Mathematics, 2024; 12(24):3974

Academic Scholarships

2025 **MathPhDInFrance** (Fondation Sciences Mathématiques de Paris)

2023 **INdAM Scholarship** (Istituto Nazionale di Alta Matematica)

Research Visits

2026 **ICMAT Madrid** (1 June – 30 June), invited by Daniel M. Castillo

Attended Summer Schools and Conferences

- 2026 Zeta, Multizeta and L -values in Positive Characteristic, ICMAT Madrid
Arithmetic and Applications of Anderson Motives, ICMAT Madrid
Drinfeld Modular Forms and Related Topics, ICMAT Madrid
Fourth Italian Number Theory Conference, Università di Torino
- 2025 EThéN 2025: School in Number Theory, CIRM Marseille
Algebraic and Geometric Methods for Diophantine Problems, Università di Pisa
- 2024 MINT: Summer School in Number Theory, Università di Pisa
- 2023 HPRT: Summer School and Workshop, Università di Torino

Teaching and Services

- 2026/27 **Course Instructor** (Lectures & Exercises), *Mathematical Analysis I*
Bachelor in Mathematics, Université de Caen
Teaching assistant (Exercise Sessions), *Applied Mathematics for Economics*
Bachelor in Economics and Social Administration, Université de Caen
- 2025/26 **Course Instructor** (Lectures & Exercises), *Mathematical Tools*
Bachelor in Biology and Earth & Life Sciences (LAS), Université de Caen
Teaching assistant (Exercise Sessions), *Applied Mathematics for Economics*
Bachelor in Economics and Social Administration, Université de Caen
- 2024/25 **Teaching support** (Exercise Sessions), *Linear Algebra*
Bachelor in Computer Science, Università di Pisa
Teaching support (Additional Exercise Sessions), *Geometry and Linear Algebra*
Bachelor in Physics, Università di Pisa
- 2023/24 **Teaching support** (Additional Exercise Sessions), *Mathematical Analysis I*
First-year Engineering students, Università di Pisa
- 2022/23 **Teaching support** (Additional Exercise Sessions), *Mathematical Analysis II*
First-year Engineering students, Università di Pisa
- 2021/22 **Tutor counseling for Mathematics**,
Department of Mathematics, Università di Pisa
Drafting of the article “*Field theory and constructions with ruler and compass*” for the Open Days Journal n.14 (pp. 21-36, April 2022 [↗](#)) and delivery of the associated Open Days talk.

Certifications

- 2022 **24 ECTS for teaching**, Università di Pisa
Acquisition of 24 credits in anthropo-psycho-pedagogical disciplines and didactic methodologies and technologies.

Activities of Volunteering

- 2017-2022 **Civil Protection Volunteer**, Borrello (CH), Italy
Assistance to the population, prevention and safety activities.
→ Training: safety, first aid, high risk emergency and fire prevention, BLSD Executor
→ *Operazione Covid* (2020-2021): coordination activities for the Covid-19 emergency

Languages

Italian (native), **English**, **French**