

Education

- 2021–present **PhD student in Mathematics**, *Université Paris-Saclay*, Département de Mathématiques d'Orsay
Title: *Chiral differential operators in higher dimension*. Advisors: Benjamin Hennion and Emanuele Macrì.
- 2020–2021 **Second year master student in Mathematics**, *Université Paris-Saclay*, M2 Arithmétique, Analyse, Géométrie
GPA: 18.675/20. Mention: *Très Bien* (maximum honours).
- 2019–2020 **First year master student in Mathematics**, *Università degli Studi di Padova*
GPA: 30/30.
- 2016–2019 **Bachelor in Mathematics**, *Università degli Studi di Padova*
GPA: 29.965/30. Mention: *110/110 cum laude* (maximum honours).

Attended conferences

- Sept 2021 **Summer School - Irregular Riemann-Hilbert Correspondence**, *Aussois, France*
- March 2022 **Nouveau séminaire ALPE**, *IMAG Montpellier, France*
- May 2022 **Spring School on Field Theories and Algebraic Topology**, *Driebergen, Netherlands*
- June 2022 **Workshop on Derived Geometry**, *CRM Barcelona, Spain*
- June 2022 **CATS-60 Conférence A Toulouse pour Simpson**, *IMT Toulouse, France*
- June 2022 **Nouveau séminaire ALPE**, *IMT Toulouse, France*
- Oct 2022 **Donaldson-Thomas invariants in Aussois**, *Aussois, France*

Co-organized conferences

- May 2022 **GAEL XXIX**, *Orsay, France*

Teaching experience

- Fall 2022 **Structures Algébriques (MI, LDD2)**, *Université Paris-Saclay*, exercise sessions
- Fall 2022 **Calculus (PCEU, LDD1)**, *Université Paris-Saclay*, exercise sessions
- Spring 2022 **Maths 3 - Analyse 1 (MI, LDD1)**, *Université Paris-Saclay*, exercise sessions
- Spring 2022 **Analyse et Géométrie (MPSI, LDD2)**, *Université Paris-Saclay*, exercise sessions

Work experience

- July 2015 **Computer Programmer**, IBM, Hursley, UK

Responsibilities

- 2021–present Representative for PhD students at the Doctoral School of Mathematics Hadamard, and at Orsay Maths Department.

Awards

- 2016–2022 School of Honors Scholarship by Scuola Galileiana di Studi Superiori, Padova.
- 2020 Scholarship Sophie Germain by Fondation Mathématique Jacques Hadamard.
- 2013–2015 Italian Olympiad in Informatics (1 bronze and 2 gold medals).
- 2015 Italian Mathematical Olympiads, silver medal.
- 2014 Prize for the study of Maths and Computer Science, Banca d'Italia.

Computer skills

- Intermediate Java, git, OpenOffice, Microsoft Windows
- Advanced C++, Python, \LaTeX , Linux

Languages

- Italian Native speaker

English Advanced, IELTS Academic Band 8.0
French Intermediate

Con conversationally fluent
Self assessed B2