

## 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).

## Co-organized conferences

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

## Some Talks

- June 2023 **Chiral Koszul Duality**, in *online factorisation seminar*
- Oct 2022 **Introduction to Derived Algebraic Geometry**, in *Donaldson-Thomas invariants in Aussois*
- Jan 2022 **Introduction to Poisson Geometry**, in *Symplectic Duality reading group*

## 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

- 2021–2022 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 *Con conversationally fluent*
- French Advanced *Con conversationally fluent*
- Spanish Basic