

# MATTIA MORBELLO

- » **Status:** PhD student in Mathematics at [Université de Rennes](#)
- » **Languages:** Italian, English (Cambridge B2), French (DALF C1), Spanish (A2)
- » **Interests:** Complex Analytic Geometry, Painlevé equations, Foliation Theory
- » **Community:** Part of *Commission Parité* (2023 - now). Student representative for the UFR mathématiques (2023 - now). Student representative for math department (2017 - 2021) and for [CIFIS](#) (2020 - 2022). President of student association Matrice Comunitaria (2020 - 2022).

## » » » EDUCATION

2023 - now	<b>PhD - Université de Rennes, France</b>	
	<ul style="list-style-type: none"><li>» Research project: Modular Groupoid, irregular connections, and dynamics</li><li>» Supervisor: Prof. <a href="#">Frank Loray</a></li></ul>	
2022 - 2023	<b>Master 2 - Université de Rennes, France</b>	16.75/20
	<ul style="list-style-type: none"><li>» Fundamental mathematics - Algebra and Geometry</li><li>» Thesis title: Character Varieties, the 4-Punctured Sphere, and Symplectic Structures</li><li>» Supervisor: Prof. <a href="#">Frank Loray</a></li></ul>	
2019 - 2022	<b>Laurea Magistrale (Master) - Università di Torino, Italy</b>	110/110 cum laude
	<ul style="list-style-type: none"><li>» Pure Math Curriculum</li><li>» Thesis title: Complex Geometry through the Eyes of a Torus</li><li>» Supervisor: Prof. <a href="#">Tommaso Pacini</a></li></ul>	
	<b>Workshops - Università di Torino, Italy</b>	
	<ul style="list-style-type: none"><li>» <a href="#">UniTo Skill Case</a> - A. Tomassoni</li></ul>	
	<b>FIT program in math teaching - 24 ECTS</b>	
	<ul style="list-style-type: none"><li>» Didactic of Mathematics, Developmental Psychology, Environment Pedagogy</li></ul>	
2016 - 2019	<b>Laurea Triennale (Bachelor), Università di Torino, Italy</b>	102/110
	<ul style="list-style-type: none"><li>» Pure Math Curriculum</li><li>» Thesis title: The hyperbolic half-plane and the Uniformisation Theorem</li><li>» Supervisor: Prof. <a href="#">Anna Maria Fino</a></li></ul>	
2011 - 2016	<b>High school Liceo Classico Vittorio Alfieri, Torino, Italy</b>	88/100
	<ul style="list-style-type: none"><li>» Enhancement path in mathematics</li></ul>	

## »»» SCHOLARSHIPS

2022 - 2023      **M2 Scholarship - Centre H. Lebesgue - Université de Rennes 1**

One year scholarship for the M2 maths fondamentales in Rennes University.

## »»» TALKS

19 Nov 2024      **Algebraic Geometry and Complex Geometry - CIRM, Luminy**

Short talk : *The Painlevé V foliation.*

23 May 2024      **Quimperiodique - CHL**

Poster : *L'espace des modules des connexions logarithmiques.*

14 May 2024      **Journées des Doctorant·e·s - IRMAR**

*Les systèmes d'Euler et leur monodromie.*

13 May 2024      **PhD seminar - LMBA**

*Comment les géomètres complexes font des EDO sur une courbe ?*

8 Feb 2024      **PhD seminar - Compréhensible - Institut Fourier**

*The Hilbert 21st problem and its geometric version.*

27 Gen 2024      **Club Rennes et Math**

*Introduction à la théorie des jeux.*

25 May 2023      **PhD seminar - Pampers - IRMAR**

*La variété des caractères d'un t-shirt.*

27 Nov 2020      **MERENDA SIN(OIRA) - Università di Torino**

*Il Semipiano Iperbolico ed il Teorema di Uniformizzazione.*

## »»» CONFERENCES

» GDR - Algebraic Geometry and Complex Geometry - November 2024

» Quimperiodique - October 2024

» Singularities in Paris - Septembre 2024

» Conférence EPIGA - June 2024

» Conference à la mémoire de Jean-Pierre Demailly - June 2024

» Quimperiodique - May 2024

» Brazil-France School on Foliation Theory - February 2024

» GDR - Géométrie Algébrique et Géométrie Complexe - October 2023

» Quimperiodique - October 2023

## »»» MASTER CLASSES

» Dijon - *Algebraic Geometry and Physics* - August 2023

» Anger - *Métriques kählériennes et les équations de Monge-Ampère.* - December 2022

## ORGANISATION

2024-2025	<b>Journées des Doctorant·e·s - IRMAR</b>
2024-2025	<b>Algebra and geometry PhD seminar - Pampers - IRMAR</b>
2023-2024	<b>Journées des Doctorant·e·s - IRMAR</b>
11 Mars '24	<b>Égalité et sciences: la place des femmes - Université de Rennes</b>
21-22 Dec '23	<b>Welcome Home - Università di Torino</b>
2022	<b>Reading cours: Complex Geometry - Università di Torino</b>
2019 - 2022	<b>Seminar: MERENDA SIN(OIRA) - Università di Torino</b>

## TEACHING EXPERIENCES

2023 - 2027	<b>TD lecturer - Université de Rennes</b>	
	<ul style="list-style-type: none"> <li>» MAT 2 - L1 SVE</li> <li>» MOM - Mathematical Modelling - L1 Mathematics</li> </ul>	
2022 - 2024	<b>DIU ORA - Université de Rennes 1</b>	35 hours
	Mathematical problem solving in geometry, algebra and probability	
2019 - 2022	<b>Teaching Assistant, Università di Torino</b>	
	<ul style="list-style-type: none"> <li>» TA for Geometry 1, math department, 150 hours</li> <li>» TA for Analysis II, physics department, 100 hours</li> <li>» TA for Analysis III, physics department, 25 hours</li> <li>» TA for Analysis II, math department, 50 hours</li> <li>» TA for Rational Mechanics, math department, 10 hours</li> </ul>	
2021 - 2022	<b>Math tutor, Istituto Beccari</b>	40 hours
2017 - 2020	<b>Math tutor, Liceo Classico Vittorio Alfieri</b>	

## REFERENCES

<b>Prof. Frank Loray - Université de Rennes</b>
<b>Prof. Anna Maria Fino - Univesità di Torino</b>
<b>Prof. Tommaso Pacini - Univesità di Torino</b>