

# MATTIA MORBELLO

- » Status: PhD student in Mathematics at Université de Rennes
- » Website: [mattiamorbello.github.io](https://mattiamorbello.github.io)
- » Languages: Italian, English (Cambridge B2), French (DALF C2), Spanish (A2)
- » Interests: Complex Geometry, Painlevé equations, Foliation Theory

## »»» 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. Frank Loray</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. Frank Loray</li></ul>	
2019 - 2022	<b>Laurea Magistrale (Master) - Università di Torino, Italy</b>	110/110 cum laude
	<ul style="list-style-type: none"><li>» Thesis title: Complex Geometry through the Eyes of a Torus</li><li>» Supervisor: Prof. Tommaso Pacini</li></ul>	
2016 - 2019	<b>Laurea Triennale (Bachelor), Università di Torino, Italy</b>	102/110

## »»» SCHOLARSHIPS AND FOUNDINGS

2022 - 2023	<b>M2 Scholarship - Centre H. Lebesgue - Université de Rennes 1</b>	
	One year scholarship for the M2 maths fondamentales at Rennes University.	
2024 - 2025	<b>PhD outgoing mobility - Collège doctoral de Bretagne</b>	
	Two months stay in Rio de Janeiro for a scientific collaboration at IMPA and UFF.	

## »»» SUMMER/WINTER SCHOOLS

- » Dijon - *Algebraic Geometry and Physics* - August 2023
- » Anger - *Métriques kählériennes et les équations de Monge-Ampère* - December 2022

## »»» ABROAD EXPERIENCES

May-June '25	<b>Visiting PhD student - IMPA - Rio de Janeiro</b>	
	Under the supervision of J. V. Pereira and G. Calsamiglia I had the opportunity to present my work and improve my knowledge about singular foliations, stable curves, and MMP.	

## »»» TALKS

22 Jan 2026	<b>Quimperiodique - CHL</b>
25 Jun 2025	<b>Seminário de Geometria Algébrica e Geometria Complexa - UFF</b>
5 Jun 2025	<b>Seminário de Folheações Holomorfas - IMPA</b>
29 May 2025	<b>Estruturas geométricas em variedades - IMPA</b>
9 Jan 2025	<b>PhD seminar - Pampers - IRMAR</b>
19 Dec 2024	<b>Journée d'équipe GAN - IRMAR</b>
23 May 2024	<b>POSTER - Quimperiodique - CHL</b>
14 May 2024	<b>Journées des Doctorant·e·s - IRMAR</b>
13 May 2024	<b>PhD seminar - LMBA</b>
8 Feb 2024	<b>PhD seminar - Compréhensible - Institut Fourier</b>
25 May 2023	<b>PhD seminar - Pampers - IRMAR</b>
27 Nov 2020	<b>MERENDA SIN(OIRA) - Università di Torino</b>

## »»» CONFERENCES

- » CARE - October 2025
- » Quimperiodique - October 2025
- » Workshop on Foliations and Singularities - June 2025
- » Équations différentielles et aux différences - April 2025
- » 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

## »»» RESPONSIBILITIES

2023-26	<b>Member of the <i>Commission parité</i> - IRMAR</b>
2023-25	<b>Student representative for the UFR mathématiques - IRMAR</b>
2017-21	<b>Student representative for math department - UniTo</b>
2020-22	<b>President of student association Matrice Comunitaria - UniTo</b>

## »»» STUDENTS

- » Corentin Duhamel - M2 seminar - *The first Chern class of a line bundle* - 2025

## ORGANISATION

2024-2025	<b>Journées des Doctorant·e·s - IRMAR</b>
2024-2025	<b>Organiser of 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>	

## DIVULGATION OF MATHEMATICS

- » Projet *Les sciences c'est leur chance* - December 2025
- » Club Rennes et Math - Graphes, distances et selfish routing - December 2024
- » Club Rennes et Math - Introduction à la théorie des jeux - January 2024
- » Come Volevasi Divulgare - 2020/21