

MATTIA MORBELLO

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

»»» EDUCATION

2023 - now	PhD - Université de Rennes, France	
	<ul style="list-style-type: none">» Research project: Modular Groupoid, irregular connections, and dynamics» Supervisor: Prof. Frank Loray	
2022 - 2023	Master 2 - Université de Rennes, France	16.75/20
	<ul style="list-style-type: none">» Fundamental mathematics - Algebra and Geometry» Thesis title: Character Varieties, the 4-Punctured Sphere, and Symplectic Structures» Supervisor: Prof. Frank Loray	
2019 - 2022	Laurea Magistrale (Master) - Università di Torino, Italy	110/110 cum laude
	<ul style="list-style-type: none">» Pure Math Curriculum» Thesis title: Complex Geometry through the Eyes of a Torus» Supervisor: Prof. Tommaso Pacini	
2016 - 2019	Laurea Triennale (Bachelor), Università di Torino, Italy	102/110
	<ul style="list-style-type: none">» Thesis title: The hyperbolic half-plane and the Uniformisation Theorem» Supervisor: Prof. Anna Maria Fino	

»»» SCHOLARSHIPS AND FOUNDINGS

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

»»» MASTER CLASSES

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

»»» ABROAD EXPERIENCES

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

»»» TALKS

5 Jun 2025	Seminário de Folheações Holomorfas - IMPA
	<i>Compactification of the Painlevé V Foliation.</i>
29 May 2025	Estruturas geométricas em variedades - IMPA
	<i>The moduli space of a certain class of meromorphic connections and its compactification.</i>
9 Jan 2025	PhD seminar - Pampers - IRMAR
	<i>Bricoler un Espace de Modules.</i>
19 Dec 2024	Journée d'équipe GAN - IRMAR
	<i>Le Feuilletage Painlevé V.</i>
19 Nov 2024	Algebraic Geometry and Complex Geometry - CIRM, Luminy
	Short talk : <i>The Painlevé V foliation.</i>
23 May 2024	Quimperiodique - CHL
	Poster : <i>L'espace des modules des connexions logarithmiques.</i>
14 May 2024	Journées des Doctorant·e·s - IRMAR
	<i>Les systèmes d'Euler et leur monodromie.</i>
13 May 2024	PhD seminar - LMBA
	<i>Comment les géomètres complexes font des EDO sur une courbe ?</i>
8 Feb 2024	PhD seminar - Compréhensible - Institut Fourier
	<i>The Hilbert 21st problem and its geometric version.</i>
25 May 2023	PhD seminar - Pampers - IRMAR
	<i>La variété des caractères d'un t-shirt.</i>
27 Nov 2020	MERENDA SIN(OIRA) - Università di Torino
	<i>Il Semipiano Iperbolico ed il Teorema di Uniformizzazione.</i>

»»» CONFERENCES

- » 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

2024-26	Member of the <i>Commission parité</i> - IRMAR
2023-25	Student representative for the UFR mathématiques - IRMAR
2017-21	Student representative for math department - UniTo
2020-22	President of student association Matrice Comunitaria - UniTo

»»» ORGANISATION

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

»»» TEACHING EXPERIENCES

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

»»» DIVULGATION OF MATHEMATICS

- » 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