

Matilde Maccan

Curriculum Vitae

IRMAR, Université de Rennes

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Education

- 2021-present **PhD Student**, at IRMAR (Université de Rennes) and Institut Fourier (Université de Grenoble Alpes), under the supervision of [M.Brion](#) and [M. Romagny](#)
- 2019-2021 **Master Degree in Mathematics**, at Università di Torino, final grade 110/110 cum laude, thesis *Unipotent algebraic groups over arbitrary fields*, under the supervision of [M. Romagny](#) and [C. Casagrande](#)
- 2020-2021 **Master 2 Maths Fondamentales**, at Université de Rennes, Erasmus Programme
- 2019-2021 **Bachelor's Degree in Mathematics**, at Università di Torino, final grade 110/110 cum laude, thesis: *Il Teorema di Poincaré-Hopf: aspetti analitici e algebrici*, under the supervision of [C. Casagrande](#)

(Pre)publications

- 2024 **Isotrivial elliptic surfaces in positive characteristic**, preprint at [arXiv:2405.11602](https://arxiv.org/abs/2405.11602), joint work with [P. Fong](#)
- 2023 **Projective homogeneous varieties of Picard rank one in small characteristic**, preprint at [arXiv:2303.12391](https://arxiv.org/abs/2303.12391), submitted
- 2023 **Parabolic subgroups in characteristics two and three**, preprint at [arXiv:2312.00415](https://arxiv.org/abs/2312.00415), to appear in Annali della Scuola Normale Superiore, Classe di Scienze

Research Talks

- 2024.04 **Séminaire Arithmétique et Géométrie Algébrique**, IRMA, Strasbourg
- 2024.04 **Séminaire Géométrie Algébrique**, Laboratoire Paul Painlevé, Lille
- 2024.03 **Séminaire Algèbre et Géométries**, Institut Fourier, Grenoble
- 2024.02 **13th Swiss-French Workshop in Algebraic Geometry**, Charmey
- 2024.01 **Algebraic Geometry Oberseminar**, HHU, Düsseldorf
- 2023.11 **Basel-Dijon-Lausanne Joint Seminars**, Basel
- 2023.11 **Number Theory Seminar**, IMB, Bordeaux
- 2023.10 **RéGA Seminar**, IHP, Paris
- 2023.09 **AGATA Seminar**, IMAG, Montpellier
- 2023.08 **Journées d'Etudes du GDR TLAG**, IRMAR, Rennes
- 2023.06 **Representation theory conference**, ICJ, Lyon
- 2023.06 **Séminaire de Géométrie**, IECL, Nancy
- 2023.05 **Arithmetic Geometry seminar**, IRMAR, Rennes
- 2022.11 **Schubert Seminar**, online
- 2022.09 **Algebra and Geometry PhD student seminar**, IRMAR, Rennes
- 2022.05 **PhD student seminar**, ICJ, Lyon

Other Talks

- 2024.03 **A sex so little made to brave the thorns of science: representing female mathematicians**, *Comprehensible Seminar*, Algebra and Geometry PhD student Seminar, Rennes
- 2024.01 **A sex so little made to brave the thorns of science: representing female mathematicians**, *Comprehensible Seminar*, Grenoble

- 2023.12 **Gruppi algebrici, tra l'oceano bretone e le Alpi**, *Welcome Home Seminar*, Dipartimento G. Peano, Turin
- 2023.12 **La recherche en mathématiques fondamentales: quelques contre-exemples aux stéréotypes**, *Journée Filles, Maths et Informatique*, Grenoble

Administrative and scientific responsibilities

- 2023-present **Reviewer service**, zbMATH Open
- 2023-present **Seminar co-organiser**, PhD student seminar and PhD days, Institut Fourier, Grenoble
- 2022-2023 **Student representative**, Scientific committee of IRMAR, Rennes
- 2022-2023 **Seminar co-organiser**, Algebra and Geometry PhD student seminar, IRMAR, Rennes

Teaching Experience

- 2023-present **Teacher**, Course and Travaux Dirigés of *MAT101 (L1 IMA)*, Université de Grenoble Alpes, France
- 2021-2023 **Teacher Assistant**, Travaux Dirigés of *Outils Mathématiques 1 (L1 PCSTM)* and *Algèbre et Géométrie 1 (L1 Mathématiques)*, Université de Rennes, France
- 2019-2020 **Tutoring activities**, *Geometria Uno (MFN1626)* and *Geometria Due (MFN1250)*, Università di Torino, Italy
- 2017-2018 **Tutor**, *Digital Math Training* project, financed by Fondazione CRT, Università di Torino, Italy (200 hours)
- 2016-2020 **Tutor**, Mathematical Olympiads Courses, *High School G. Ferraris* and *High School C. Cavour*, Turin, Italy

Scholarships

- 2016 **Scholarship for entry to Bachelors degree courses in Mathematics**, Awarded by Istituto Nazionale di Alta Matematica F. Severi

Languages

I speak Italian (native speaker), English and French at a professional working level. I have been teaching in French universities for the last 3 years.