

Ana Quedo

Curriculum Vitae

Personal Information

Full Name Ana Victoria Martins Quedo
Date of Birth March 5th, 1996
Gender Female
Nationalities Brazilian, Portuguese
Mobile (+55)21992459670
Emails ana.queda@gmail.com, ana.martinsqueda@unibo.it

Employment

11/2024 – **Post-doc in PRIN "Geometry of algebraic structures: moduli, invariants, deformations" in Alma Mater Studiorum - Università di Bologna in Italy.**
10/2025
Supervisor: Antonella Grassi

Education

8/2020 – **PhD in Pure Mathematics at Instituto Nacional de Matemática Pura e Aplicada (IMPA) in Brazil.**
10/2024
Supervisor: Carolina Araujo
PhD thesis: Projective Manifolds with numerically trivial canonical class and their automorphisms

8/2018 – **Master in Pure Mathematics at Universidade Federal do Rio de Janeiro (UFRJ) in Brazil.**
8/2020
Supervisor: Cecilia Salgado
Master thesis: The Hilbert Property: From the Inverse Galois Problem to the Topology of Varieties

3/2017 – **Bachelor in Mathematics at Universidade Federal do Rio de Janeiro**
8/2018 **(UFRJ).**

3/2014 – **Bachelor in Physics at Universidade Federal do Rio de Janeiro**
12/2016 **(UFRJ)(uncompleted).**

Visiting Periods

12/2022 – **Visiting student (as a part of the PhD) at Université de Poitiers in**
11/2023 **France.**
Supervisor: Alessandra Sarti

Publications

- 2024 "Geometric Realizations of non-symplectic involutions on the Hilbert square of a K3 Surface", <https://arxiv.org/pdf/2412.12307>
- 2024 With Martina Monti "The Kawamata-Morrison Cone Conjecture for Generalized Hyperelliptic Variety", submitted <https://arxiv.org/abs/2403.13156>
- 2023 With Daniela Paiva "Automorphisms of quartic surfaces and Cremona transformations", to be published Journal of Pure and Applied Algebra, <https://doi.org/10.1016/j.jpaa.2024.107850>

Invited Talks

- 18/11/2024 Talk at POK0 Workshop around the Cone Conjecture, Bochum, Germany.
- 13/8/2024 Junior talk at V ELGA(Latin American School in Algebraic Geometry - Cabo Frio, Brazil.
- 25/6/2024 Junior talk at Foliation Theory and Algebraic Geometry, Rio de Janeiro, Brazil
- 16/4/2024 Junior talk at WINGs (Women in Number Theory and Geometry), Shrewsbury, England.
- 15/3/2024 Junior talk at LEGAL (Liberdade em Geometria Algebrica), Teresopolis, Brazil
- 2/3/2023 Junior talk at "Around Symmetries of K3 Surfaces", Banff, Canada
- 23/9/2023 Algebraic Geometry Seminar in Angers, France.
- 15/9/2023 Algebraic Geometry Seminar in Poitiers, France.

Participation in conferences, Schools, workshops

- 2024 POK0 - Workshop Around the Cone Conjecture, Bochum, Germany.
- 2024 V ELGA conference, Cabo Frio, Brazil.
- 2024 WINGs Conference, Shrewsbury, England.
- 2024 LEGAL Conference, Teresopolis, Brazil.
- 2023 School on K3 surfaces, hyperkahler manifolds, and cubic fourfolds, Bonn, Germany.
- 2023 School on Quadratic forms and applications in algebraic geometry, Aachen, Germany.
- 2023 Around Symmetries of K3 Surfaces, BIRS workshop, Banff, Canada.
- 2022 Aritimetica, Grupos y Analisis (AGRA) IV, Cabo Frio, Brazil.
- 2019 CIMPA School: Syzygies from theory to applications, Joao Pessoa, Brazil.
- 2018 Geometry at Frontier III, Temuco and Pucon, Chile. School and Talks on Algebraic Geometry

Teaching

- 3/2019 - Volunteer Teacher of Mathematics at Pre-vestibular Samora Machel, a free
- 8/2019 preparatory course for pre-college examinations.

8/2019 - Teaching assistant of Real Analysis Course in UFRJ.
12/2019

Prizes and grants

2019 Bolsa FAPERJ Nota 10, a scholarship given to the two best students in the final year of master's studies at the institute.

Organization of events

2017 Physic's week of UFRJ 2017

2016 Physic's week of UFRJ 2016 (a academic week with lectures, mini-courses and round-tables discussions about physics and society. This week was totally organized by six undergraduate students.)

Scientific Outreach and Women in Science

2024 Participation in a round table discussion about women in Mathematics at 3 Encontro de Mulheres Matemáticas at IMPA.

2016 Organization of a round table discussion about Women in Science during Physic's week of UFRJ 2016

2015 Talk about gravitational lensing at Museum of Astronomy and Related Sciences (MAST) of Rio de Janeiro

2015 Participation in the Galileo Mobile, a project of astronomy outreach, in Lumiar, Brazil

Languages

Mother tongue: Portuguese

I use the common European framework of reference for languages to express my language skills in the table below:

Languages	Listening	Reading	Speaking	Writing
English	C1	C1	C1	C1
French	B2	B2	B2	B2
Italian	B1	B1	A2	A2
Spanish	B1	B2	A1	A1