

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.quedo@gmail.com, ana.martinsquedo@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 in 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