

CONTACTS

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in [Filippo Papallo](#)

PROGRAMMING LANGUAGES

MATLAB

L^AT_EX

C++

FILIPPO PAPALLO

Graduate student in Mathematics

EDUCATION

PhD in Mathematics Università di Genova

NOV 2023 - NOW

I am currently working under the supervision of Prof. **Arvid Perego**. My main project is about reconstruction theorems for abelian categories, for applications in non-commutative algebraic geometry; jointly with **Simone Murro** and **Federico Bambozzi**, we are also developing a non-commutative geometry in the derived setting. A parallel work is about studying the Hilbert schemes of points of irreducible symplectic surfaces.

Master's degree in Mathematics Università di Pisa

2020 - 2023

Thesis: "*Braid group actions on derived categories*", supervised by Prof. **Mattia Talpo**. My graduation mark is **110/110 cum laude**.

Visiting student

Rheinische Friedrich-Wilhelms-Universität, Bonn

SEP 2021 - FEB 2022

I spent the Winter Semester 2021/2022 in Bonn thanks to an [Erasmus scholarship](#). There I learnt about [Theory of Schemes](#) and [Configuration spaces](#).

Bachelor's degree in Mathematics Università di Genova

2017 - 2020

Thesis: "*Topological degree and Brouwer's Fixed Point Theorem*", supervised by Prof. **Giovanni Alberti**. My graduation mark is **110/110 cum laude**.

Scientific High School

Liceo Scientifico Statale "G.D. Cassini" - Genoa

2012 - 2017

Diploma with **100/100**.

CONFERENCES

Fano and HK varieties in Genova Università di Genova

22-26 Jan 2024

The conference has gathered together the big family of Hyperkähler geometry, reconnecting famous researcher and young students from France, Germany, Italy and Japan.

Purity, Approximation Theory and Spectra Cetraro

13-17 May 2024

The theme of the conference was *representation theory* and *non-commutative algebra* in a broad sense.

SinG School in Geometry: IHS manifolds

26 - 30 Aug 2024

Università di Trento

This workshop was an introductory school in *group actions and moduli spaces* on K3 surfaces and IHS manifolds in general.

Séminaire Méditerranéen de Géométrie Algébrique

10-11 Sep 2024

Università di Genova

A couple of days dedicated to recent results in algebraic geometry in a broad sense obtained among Genova, Toulouse and Nice.

School on Deformation Theory IV

16-20 Sep 2024

Università La Sapienza (Roma)

PROJECTS

Festival della Scienza

2022-2024

Genoa

Every year, Genoa hosts an event on divulgation of science, called [Festival della Scienza](#). I work as an entertainer and science communicator.

FameLAB

OCT 2022

National finals

I won the regional selection of the scientific "talent show" [FameLAB Italia, 2022 edition](#), after which I attended a workshop in Science Communication held by Wendy Sadler and Renato Prezioso.

HOBBIES

- I like playing the piano and synthesizers: [here a song recorded with my former band](#). Lately, I have been learning to play the guitar.
- I like analogue photography: you can see some shots on my [Instagram profile](#).