

Anna Ulivi

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Summary

I am a first year graduate student in Complex and Algebraic Geometry at the University of Genoa. Currently, one of the main topic I'm working on is the study of abelian Galois covers of rational surface. My career goals are to continue research in complex and algebraic geometry and then to pursue an academic career in the future.

Education

PhD	University of Genoa , Algebraic Geometry <ul style="list-style-type: none"> <i>Coursework:</i> I'm currently taking part of a reading group about Bridgeland stability and non commutative varieties and I'm following a PhD course called "Geometric Invariant Theory". <i>Advisor:</i> Prof. Matteo Penegini. 	Sept. 2022 - Oct. 2024
MSc	University of Genoa , General Mathematics <ul style="list-style-type: none"> <i>Grade:</i> 110/110 cum laude <i>Coursework:</i> Commutative and computational algebra, complex analysis, algebraic and differential geometry, category theory. <i>Thesis Title:</i> "Elliptic fibrations with a multisections". <i>Advisor:</i> Prof. Sönke Rollenske, Prof. Matteo Penegini. 	Sept. 2022 - Oct. 2024
Superior School	IANUA - University of Genoa , Sciences and Technologies for the Society of Information <ul style="list-style-type: none"> The aim of the course is to develop management and technical-scientific skills geared towards innovation and multidisciplinary, together with international experience and direct contact with companies. 	Sept. 2020 - July 2022
BSc	University of Genoa , Mathematics <ul style="list-style-type: none"> <i>Grade:</i> 110/110 cum laude <i>Thesis Title:</i> "CW-complex: paracompactness and other properties". <i>Advisor:</i> Prof. Matteo Penegini. 	Sept. 2019 - Sept. 2022

Experience

Student exchange programm

Erasmus + , <i>Philipps-Universität Marburg</i> , Germany 6 ECTS complex and differential geometry course and 20 ECTS for the Master Thesis.	April 2024 - July 2022
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Teaching activities

University of Genoa , Tutor Teaching support activities for Analysis courses for Engineering students and Topology for Mathematics students	Sept. 2023 - April 2024
University of Genoa , Collaborator for Olympiad Support for Maths Olympiad activities: text drafting and preparation of high school students.	Sept. 2021- March 2023

Middle school "Barrili-Paganini", External expert
Teacher for extracurricular course in mathematics and problem solving.

Sept. 2021 - May 2023

Stage

Stage organized by UMI, Pisa

2017-2019

Aimed to choose the Italian Team for international competition of mathematics.

Detailed participations: Stage Senior (2017, 2018), Winter Camp (2018), EGMO Camp (2017, 2018).

Additional Experience And Awards

Italian Mathematical Olympiad (ITAMO): Silver medal

2017

European Girls' Mathematical Olympiad (EGMO): Bronze medal

2019

Scholarship Istituto Nazionale di Alta Matematica "Francesco Severi"(INDAM)

2019-2022

Languages

- **Italian:** mother tongue
- **English:** proficient
- **French:** basic
- **German:** basic

Computer Skills

C++	Intermediate
LaTeX	Intermediate
CoCoA	Intermediate
MATLAB	Basic
RStudio	Basic
Java	Basic