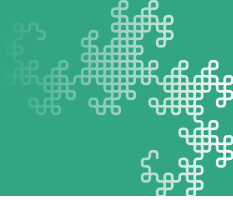


# FILIPPO BARONI

Graduate student - Mathematics



## PERSONAL INFO

29 January 1998  
Pisa, Italy  
filippo.baroni@sns.it

Filippo Baroni on LinkedIn  
DelfadOr on GitHub

## RESEARCH INTERESTS

Low-dimensional topology  
Knot theory  
Algebraic topology

## LANGUAGES

Italian **native**  
English **fluent**  
French **basic**

## PROGRAMMING

C++ **expert**  
Python **expert**  
LaTeX **advanced**  
Haskell **amateur**

DelfadOr on Codeforces  
DelfadOr on AtCoder

## ACTIVITIES

Staff member of the Italian Mathematical Olympiad  
Staff member of the Italian Olympiad in Informatics

## REFERENCES

**Prof. Riccardo Benedetti**  
Università di Pisa  
riccardo.benedetti@unipi.it  
+39 0502213277

**Prof. Roberto Frigerio**  
Università di Pisa  
frigerio@dm.unipi.it  
+39 0502213561

**Prof. Bruno Martelli**  
Università di Pisa  
bruno.martelli@unipi.it  
+39 0502213231

## EDUCATION

2016 – present  
Scuola Normale Superiore di Pisa  
**Student of Mathematics**

2019 – present  
Università di Pisa  
**Master's Degree in Mathematics**

2016 – 2019  
Università di Pisa  
**Bachelor's Degree in Mathematics**  
110/110 cum laude  
Advisor: Riccardo Benedetti  
Thesis: *Omologia Singolare degli Spazi Fibrati*

## INVITED SPEAKER

February 2021  
Online  
**International Young Seminar on Bounded Cohomology and Simplicial Volume**  
Talk: *The Proportionality Principle via Bounded Cohomology*

## ATTENDED CONFERENCES

November 2020 – January 2021  
Online  
**International Young Seminar on Bounded Cohomology and Simplicial Volume**

## COMPETITIVE AWARDS

### Mathematics

July 2016  
Hong Kong, Hong Kong  
**International Mathematical Olympiad**  
Gold Medal

May 2016  
Tirana, Albania  
**Balkan Mathematical Olympiad**  
Bronze medal

February 2016  
Bucharest, Romania  
**Romanian Master of Mathematics**  
Bronze medal

### Informatics

April 2019  
Porto, Portugal  
**ACM-ICPC World Finals**  
SNS team ranked 21<sup>st</sup>

April 2018  
Beijing, China  
**ACM-ICPC World Finals**  
SNS team ranked 31<sup>st</sup>

August 2016  
Kazan, Russia  
**International Olympiad in Informatics**  
Silver medal

July 2015  
Almaty, Kazakhstan  
**International Olympiad in Informatics**  
Silver medal

## WORKING EXPERIENCES

April 2018  
Florence, Italy  
**Problem Coordinator**  
European Girls' Mathematical Olympiad

July 2015  
Hursley, UK  
**Intern**  
IBM United Kingdom