

# Davide Gori

## Curriculum Vitae

✉ [davide.gori@sns.it](mailto:davide.gori@sns.it)

📁 [poisson.phc.dm.unipi.it/~goride/](https://poisson.phc.dm.unipi.it/~goride/)

### Personal Data

*Born* Carrara (Italy), 22/07/97

*Citizenship* Italian

### Education

- 2016– **Student in Mathematics**, *Scuola Normale Superiore*, Pisa, Italy.
- October 2021 **Master's Degree (*Laurea Magistrale*) in Mathematics**, *University of Pisa*, Italy.  
Grade: 110/110 cum laude.  
Thesis title: The Moduli Space of Smooth Curves.  
Thesis supervisor: Prof. Mattia Talpo.
- July 2019 **Bachelor's Degree (*Laurea Triennale*) in Mathematics**, *University of Pisa*, Italy.  
Grade: 110/110 cum laude.  
Thesis title: De Rham Cohomology of Compact Lie Groups.  
Thesis supervisor: Prof. Andrea Maffei.
- 2011/12– **High School Student**, *Scientific Lyceum "Guglielmo Marconi"*, Carrara (MS), Italy,  
2015/16 High School Diploma, July 2016.

### Experience

#### Dissertations

May 2020 **Seminar**, *Recent results regarding Bertini's theorem*, Pisa.

Seminar based on article: The exceptional locus in the Bertini irreducibility theorem for a morphism (Bjorn Poonen, Kaloyan Slavov arXiv:2001.08672).

Supervisor: Prof. Tamás Szamuely.

#### Student exchange programs

- September 2019 – **Erasmus+**, *Paris-Sud University (Paris XI)*, now replaced by the *University of Paris-Saclay*, France.
- January 2020 40,5 ECTS (Master M2: Arithmétique, Analyse, Géométrie).

#### Summer schools

- August 2018 **Summer school on geometry organized by the Utrecht Geometry Centre**, Utrecht, Netherlands.  
Aimed to cover a spectrum of modern geometry.

#### Part-time collaborations

- July 2020 **Collaboration with Scuola Normale Superiore**, Pisa, Italy.  
Study of cybersecurity attacks, and related defense countermeasures (paid collaboration, 95 hours)

November **Collaboration with Scuola Normale Superiore**, Pisa, Italy.  
2018 Creation of a Telegram bot for student use (paid collaboration, 50 hours)

### Stages

2012 – 2016 **Stages organized by UMI (Italian Mathematical Union)**, Pisa, Italy.  
Aimed to choose the Italian Team for international competition of mathematics.  
Detailed participations: Stage Senior (2012, 2013, 2014, 2015), Winter Camp (2014, 2015, 2016), Stage PreIMO (2014, 2015, 2016).

### Languages

Italian	Mother tongue	
English	C1	<i>Certificated by Scuola Normale Superiore</i>
French	B1	<i>Certificated by Scuola Normale Superiore</i>

### Computer skills

Octave	Intermediate
C	Intermediate
$\LaTeX$	Intermediate
Python	Intermediate
SQL	Basic
HTML	Basic
Operating systems	Linux, Windows

### Selected Awards

2012 – 2016 **Italian Mathematical Olympiad (ITAMO)**.  
Detailed participations:  

- 2012: Bronze medal;
- 2013: Silver medal;
- 2014: Gold medal;
- 2015: Silver medal;
- 2016: Gold medal (third place).

2014 **Italian Mathematical Olympiad (ITAMO), team competition**.  
Second place.

2016 **Mediterranean Youth Mathematical Championship**, Rome, Italy.  
Third place.

2015 **Championnat International des Jeux Mathématiques et Logiques (CIJML)**, Paris, France.

2015 **Balkan Mathematical Olympiad (BMO)**, Athens, Greece.  
Bronze medal.