europass

Davide Gori

Nationality: Italian

Address: Department of Mathematics, Sapienza University of Rome, Piazzale Aldo Moro 5 , 00185, Rome, Italy (Work)

• ABOUT ME

Research interests:
Algebraic geometry, in particular: moduli spaces, algebraic stacks, algebraic groups, birational geometry.

• WORK EXPERIENCE

30/09/2021 – CURRENT Rome, Italy
PH.D. IN MATHEMATICS SAPIENZA UNIVERSITY OF ROME

Supervisor: Prof. Filippo Viviani.

30/09/2018 – 30/09/2019 Pisa, Italy
COLLABORATION WITH SCUOLA NORMALE SUPERIORE SCUOLA NORMALE SUPERIORE

Creation of a Telegram bot for student use (paid collaboration, 50 hours)

30/06/2020 – 30/06/2021 Pisa, Italy
COLLABORATION WITH SCUOLA NORMALE SUPERIORE SCUOLA NORMALE SUPERIORE

Study of cybersecurity attacks, and related defense countermeasures (paid collaboration, 95 hours)

28/02/2022 – 31/12/2022 Rome, Italy
TUTOR FOR THE COURSE GEOMETRY 1 SAPIENZA UNIVERSITY OF ROME

One semester tutoring.

• EDUCATION AND TRAINING

30/09/2016 – 30/10/2021 Pisa, Italy
STUDENT IN MATHEMATICS Scuola Normale Superiore

Website https://www.sns.it/

19/09/2019 – 28/10/2021 Pisa, Italy
MASTER'S DEGREE (LAUREA MAGISTRALE) IN MATHEMATICS University of Pisa

Website https://www.unipi.it/ | **Final grade** 110/110 cum laude |

Thesis The Moduli Space of Smooth Curves. Thesis supervisor: Prof. Mattia Talpo.

19/09/2016 – 11/07/2019 Pisa, Italy
BACHELOR'S DEGREE (LAUREA TRIENNALE) IN MATHEMATICS University of Pisa

Website https://www.unipi.it/ | **Final grade** 110/110 cum laude |

Thesis De Rham Cohomology of Compact Lie Groups. Thesis supervisor: Prof. Andrea Maffei.

14/09/2011 – 30/07/2016 Carrara, Italy
HIGH SCHOOL DIPLOMA Scientific Lyceum "Guglielmo Marconi"

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s): **ENGLISH (C1 CERTIFICATED BY SCUOLA NORMALE SUPERIORE)** | **FRENCH (B1 CERTIFICATED BY SCUOLA NORMALE SUPERIORE)**

DIGITAL SKILLS

Octave | C | LaTeX | Python | SQL | HTML | Linux | Windows

ADDITIONAL INFORMATION

CONFERENCES AND SEMINARS

05/2020 – Pisa
Recent results regarding Bertini's theorem 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.

03/2022 – 05/2022 – Rome, Italy
Co-organizer of MATH talks

08/04/2022 – Rome, Italy
Moduli spaces and where to find them: an algebraic point of view

San Jose, California
Developments in moduli problems

Paris, France
Singularities in Paris 2022

Cambridge, England
COMB in CAMB: Combinatorial Methods in Algebraic Geometry in Cambridge

Pisa, Italy
Geometry and arithmetic of moduli spaces

Aussois, France
Singularities in Aussois

Lisbon, Portugal
SMSMS Mirror Simmetry and Moduli Spaces

Levico Terme, Italy
Moduli spaces and stability conditions

Dijon, France
Invariants in Algebraic Geometry

Marburg, Germany
2nd Marburger Arbeitsgemeinschaft Mathematik

Utrecht, Netherlands
Summer school on geometry organized by the Utrecht Geometry Centre

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

HONOURS AND AWARDS

Italian Mathematical Olympiad (ITAMO) Detailed partecipations:
- 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 Third place.

2015
Championnat International des Jeux Mathématiques et Logiques (CIJML),

2015
Balkan Mathematical Olympiad (BMO), Bronze medal.

PROJECTS

2018
Teacher at the local stage in Osimo by UMI, aimed to train partecipations for the local and national mathematics
competitions.

09/2019 – 01/2020
Erasmus+ Paris-Sud University (Paris XI), now University of Paris-Saclay, France.
40,5 ECTS (Master M2: Arithmétique, Analyse, Géométrie).

19/07/2023   F.to Davide Gori