

CURRICULUM VITAE: STEFANO CANINO

Contact information

Address: Dipartimento di Scienze Matematiche “G. L. Lagrange”
Politecnico di Torino
Corso Duca degli Abruzzi 24, 10129, Torino, Italia

Current Position

PhD student at Università degli Studi di Torino - Politecnico di Torino (since November 2020)
Enrolled in the PhD Program: *Pure and Applied Mathematics*
Advisors: Prof. Enrico Carlini and Prof. Ada Boralevi

Academic Formation

2022	Visiting Period at Queen’s University, Kingston, Canada, under the supervision of Prof. Mike Roth.
2018 - 2020	Master’s Degree in Mathematics, Alma Mater Studiorum, Università degli Studi di Bologna Degree grade: 110/110 <i>cum Laude</i> Thesis: “ <i>Schemi 0-dimensionali, singolarità e Jacobiano di una curva piana</i> ” Supervisors: Prof. Monica Idà and Prof. Enrique Arrondo
2019 - 2020	Eramus Program of six months, Universidad Complutense de Madrid
2015 - 2018	Bachelor’s Degree in Mathematics, Alma Mater Studiorum, Università degli Studi di Bologna Degree grade: 110/110 <i>cum Laude</i> Thesis: “ <i>Proiezioni di curve razionali normali e loro singolarità</i> ” Supervisor: Prof. Monica Idà
2010 - 2015	Scientific Diploma , IIS “L. Siciliani”, Catanzaro, Italy Degree grade: 100/100 <i>cum Laude</i>

Scholarships

Nov 2020 - ongoing	Title holder of the PhD scholarship “ <i>Pure and Applied Mathematics</i> ” at Politecnico di Torino and Università degli Studi di Torino.
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Publications

1. S. Canino and E. Carlini *Complete Intersections on Veronese Surfaces*, Journal of Algebra, arXiv:2202.08565 - Submitted
2. S. Canino, A. Gimigliano and M. Idà *Newton-Puiseux algorithm and triple points for planes curves*, L’Enseignement Mathématique, arXiv:2204.05691 - Submitted

Teaching

- 2022: Teaching Assistant for the course “Elementi di Geometria da un punto di vista superiore” at Università di Bologna, 12 hours.
- 2022: Tutor senior (Management of tutors junior) for the course “Algebra lineare e Geometria” (Linear Algebra and Geometry) at Politenico di Torino, 40 hours.
- 2022: Teaching Assistant for the course “Algebra lineare e Geometria” (Linear Algebra and Geometry) at Politecnico di Torino, 40 hours.
- 2022: Teaching Assistant for the lab “Tassellazioni del piano: tra isometrie, opere di Escher e applicazioni fisiche”, part of La.M.Po. at Politecnico di Torino, 5 hours.
- 2022: Tutor for the PLS lab “Matematica e Musica” at Università di Bologna, 10 hours.
- 2021: Teaching Assistant for the lab “La musica di Fourier: dalle basi algebriche dell’armonia classica alla sintesi additiva degli organi Hammond”, part of La.M.Po. at Politecnico di Torino, 5 hours.
- 2021: Teaching Assistant for the course “Elementi di Geometria da un punto di vista superiore” at Università di Bologna, 12 hours.
- 2021: Teaching Assistant for the course “Algebra lineare e Geometria” (Linear Algebra and Geometry) at Politecnico di Torino, 60 hours.
- 2019: Tutor for the course “Geometria Proiettiva” (Projective Geometry) at Università di Bologna.
- 2018: Tutor for the course “Geometria 3” (Differential geometry of curves and surfaces) at Università di Bologna.

Partecipation in Research Groups

- Since November 2020: Associated to the Research Group “Algebraic Geometry, Commutative Algebra and their computational aspects” at Politecnico di Torino.

Scientific Communications

Invited talks & Seminars

1. Seminar at the Algebraic Geometry Group, invited by Prof. Adam Van Tuyl, McMaster University, Hamilton, Canada, 16/11/2022.
2. Seminar at the Algebra and Geometry Group, invited by Prof. A. Gimigliando and Prof. Monica Idà, University of Bologna, 29/10/2022.

Attendend schools and conferences

- 28 June 2022 / 2 July 2022 in Krakow (Poland): Conference: "Recent advances in Classical Algebraic Geometry".
- 20/24 June 2022 in Krakow (Poland): Conference: "MEGA 2022: Effective Methods in Algebraic Geometry".
- 14/17 June 2022 in Rome (Italy): Conference: "Algebraic Geometry in Roma Tre. A conference on the occasion of Sandro Verra's 70(+2)th birthday."
- 27/28 April 2022 in Torino (Italy): Workshop: "Grothendieck ring and Derived category: a gathering".
- 8/17 November 2022 in Trento (Italy): School: "Tensor Decompositions and Applications", held by Nick Vannieuwenhoven.
- 30 September 2021 / 1 October 2021 in Torino (Italy): Conference "Genova, Torino, Milano Seminar: Some Topics in Commutative Algebra and Algebraic Geometry".
- 21/24 September 2021 in Cetraro (Italy): Conference "Riposte Armonie, together with Ciro Ciliberto".
- 31 March 2017 / 2 April 2017 in Venice (Italy): Conference "Imagine Maths 6".

IT Skills

Programming languages: Python

Applications and Main Libraries: CoCoA, Mathematica, Matlab, Maple, Macaulay2

Platforms: Windows, MacOS

Data

24/12/2022

