



Contacts

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Personal information

Date of birth: July 16, 1975
Place of birth: Lecco, Italy

Nationality: Italian
Status: married to Anna Betti; one daughter (Giulia)

Employments

Current	Full professor (Professore Ordinario, Settore concorsuale 01/A2-Algebra e Geometria, Settore MAT/03-Geometria) at the Department of Mathematics of the Università degli Studi di Milano.
March 2015-January 2017	Associate Professor at the Department of Mathematics of the Università degli Studi di Milano.
September 2007-February 2015	Assistant Professor with tenure ("Ricercatore confermato") at the Department of Mathematics of the Università degli Studi di Milano.
November 2006-August 2007	Post-doc position ("Assegno di Ricerca") at the Department of Mathematics of the Università degli Studi di Milano.

Education

October 2006	Ph.D. in Mathematics at the Department of Mathematics of the Università degli Studi di Milano. Thesis title: <i>A Twisted Derived Torelli Theorem for K3 surfaces</i> . Advisor: Prof. Bert van Geemen. Final defense: March 5, 2007.
July 17, 2002	Master Degree in Mathematics at the Università degli Studi di Milano. Thesis title: <i>Fourier-Mukai partners of K3 surfaces</i> . Advisor: Prof. Bert van Geemen. Final mark: summa cum laude.

July 2, 1998

Master Degree in Philosophy at the Università degli Studi di Milano.

Thesis title: *Semantic and syntactic aspects of fuzzy logic*.

Advisor: Prof. Corrado Mangione.

Final mark: summa cum laude.

Research interests

Algebraic geometry and homological algebra. In particular:

- Derived categories of coherent sheaves and twisted sheaves and Fourier-Mukai functors.
- Triangulated categories, dg categories and A_∞ categories.
- Stability conditions on derived and triangulated categories.
- Varieties with trivial canonical bundle and cubic hypersurfaces.

Publications

Papers and preprints

1. A. Canonaco, M. Ornaghi, P. Stellari, *Localizations of the category of A_∞ categories and internal Homs over a ring*, arXiv:2404.06610.
2. A. Canonaco, A. Neeman, P. Stellari, *The passage among the subcategories of weakly approximable triangulated categories*, (Appendix by C. Haesemeyer), arXiv:2402.04605.
3. L. Pertusi, P. Stellari, *Categorical Torelli theorems: results and open problems*, Rend. Circ. Mat. Palermo, II Ser **72** (2023), 2949-3011.
4. A. Bayer, M. Lahoz, E. Macrì, P. Stellari, *Stability conditions on Kuznetsov components*, (Appendix joint also with X. Zhao), Ann. Sci. Éc. Norm. Supér. **56** (2023), 517-570.
5. A. Canonaco, A. Neeman, P. Stellari, *Uniqueness of enhancements for derived and geometric categories*, Forum Math. Sigma **10** (2022), 1-65.
6. C. Li, P. Stellari, X. Zhao, *A refined Derived Torelli Theorem for Enriques surfaces, II: the non-generic case*, Math. Z. **300** (2022), 3527-3550 (volume in honor of O. Debarre).
7. A. Bayer, M. Lahoz, E. Macrì, H. Nuer, A. Perry, P. Stellari, *Stability conditions in families*, Publ. Math. Inst. Hautes Études Sci. **133** (2021), 157-325.
8. C. Li, H. Nuer, P. Stellari, X. Zhao, *A refined Derived Torelli Theorem for Enriques surfaces*, Math. Ann. **379** (2021), 1475-1505.
9. A. Canonaco, M. Ornaghi, P. Stellari, *Localizations of the category of A_∞ categories and internal Homs*, Doc. Math. **24** (2019), 2463-2492.

10. E. Macrì, P. Stellari, *Lectures on non-commutative K3 surfaces, Bridgeland stability, and moduli spaces*, In: *Birational Geometry of Hypersurfaces*, 199-266, Lecture Notes of the Unione Matematica Italiana **26**, Springer (2019).
11. A. Canonaco, P. Stellari, *Uniqueness of dg enhancements for the derived category of a Grothendieck category*, J. Eur. Math. Soc. **20** (2018), 2607-2641.
12. M. Lahoz, M. Lehn, E. Macrì, P. Stellari, *Generalized twisted cubics on a cubic fourfold as a moduli space of stable objects*, J. Math. Pures Appl. **114** (2018), 85-117.
13. A. Canonaco, P. Stellari, *A tour about existence and uniqueness of dg enhancements and lifts*, J. Geom. Phys. **122** (2017), 28-52.
14. M. Lahoz, E. Macrì, P. Stellari, *Arithmetically Cohen-Macaulay bundles on cubic fourfolds containing a plane*, In: *Brauer groups and obstruction problems: Moduli spaces and arithmetic*, 155-175, Progr. Math. **320**, Birkhäuser/Springer (2017).
15. A. Bayer, E. Macrì, P. Stellari, *The space of stability conditions on abelian threefolds, and on some Calabi-Yau threefolds*, Invent. Math. **206** (2016), 869-933.
16. A. Canonaco, P. Stellari, *Internal Homs via extensions of dg functors*, Adv. Math. **277** (2015), 100-123.
17. M. Lahoz, E. Macrì, P. Stellari, *Arithmetically Cohen-Macaulay bundles on cubic threefolds*, Algebr. Geom. **2** (2015), 231-269.
18. A. Canonaco, P. Stellari, *Fourier-Mukai functors in the supported case*, Compositio Math. **150** (2014), 1349-1383.
19. A. Canonaco, P. Stellari, *Fourier-Mukai functors: a survey*, In: *Derived Categories in Algebraic Geometry (Tokyo, 2011)*, EMS Ser. Congr. Rep., Eur. Math. Soc. (2013), 27-60.
20. A. Canonaco, D. Orlov, P. Stellari, *Does full imply faithful?*, J. Noncommut. Geom. **7** (2013), 357-371.
21. A. Canonaco, P. Stellari, *Non-uniqueness of Fourier-Mukai kernels*, Math. Z. **272** (2012), 577-588.
22. E. Macrì, P. Stellari, *Fano varieties of cubic fourfolds containing a plane*, Math. Ann. **354** (2012), 1147-1176.
23. M. Bernardara, E. Macrì, S. Mehrotra, P. Stellari, *A categorical invariant for cubic threefolds*, Adv. Math. **229** (2012), 770-803.
24. D. Huybrechts, E. Macrì, P. Stellari, *Formal deformations and their categorical general fibre*, Comment. Math. Helv. **86** (2011), 41-71.
25. D. Huybrechts, E. Macrì, P. Stellari, *Derived equivalences of K3 surfaces and orientation*, Duke Math. J. **149** (2009), 461-507.
26. E. Macrì, P. Stellari, *Infinitesimal derived Torelli theorem for K3 surfaces*, (Appendix by S. Mehrotra), Int. Math. Res. Not. IMRN **2009**, 3190-3220.

27. E. Macrì, S. Mehrotra, P. Stellari, *Inducing stability conditions*, J. Algebraic Geom. **18** (2009), 605-649.
28. E. Macrì, M. Nieper-Wisskirchen, P. Stellari, *The module structure of Hochschild homology in some examples*, C. R. Acad. Sci. Paris, Ser. I **346** (2008), 863-866.
29. P. Stellari, *A finite group acting on the moduli space of K3 surfaces*, Trans. Amer. Math. Soc. **360** (2008), 6631-6642.
30. E. Macrì, P. Stellari, *Automorphisms and autoequivalences of generic analytic K3 surfaces*, J. Geom. Phys. **58** (2008), 133-164.
31. D. Huybrechts, E. Macrì, P. Stellari, *Stability conditions for generic K3 categories*, Compositio Math. **144** (2008), 134-162.
32. A. Canonaco, P. Stellari, *Twisted Fourier-Mukai functors*, Adv. Math. **212** (2007), 484-503.
33. P. Stellari, *Derived categories and Kummer varieties*, Math. Z. **256** (2007), 425-441.
34. D. Huybrechts, P. Stellari, *Proof of Căldăraru's conjecture. An appendix to a paper by K. Yoshioka*, In: *The 13th MSJ Inter. Research Inst. - Moduli Spaces and Arithmetic Geometry*, 31-42, Adv. Stud. Pure Math. **45**, Math. Soc. Japan, Tokyo (2006).
35. D. Huybrechts, P. Stellari, *Equivalences of twisted K3 surfaces*, Math. Ann. **332** (2005), 901-936.
36. P. Stellari, *Some remarks about the FM-partners of K3 surfaces with Picard numbers 1 and 2*, Geom. Dedicata **108** (2004), 1-13.
36. P. Stellari, *Singular cubic fourfolds containing a plane*, Le Matematiche Vol. LVIII (2003), 277-305.

Reports

1. A. Canonaco, A. Neeman, P. Stellari, *Uniqueness of enhancements of triangulated categories*, ZAG Online Seminar report (2022).

Editorial activities

1. J.-L. Colliot-Thélène, A. Hochenegger, D. Huybrechts, J. Kollár, E. Macrì, P. Stellari and C. Voisin, *Birational geometry of hypersurfaces*, Editors: A. Hochenegger, M. Lehn and P. Stellari, Lecture Notes of the Unione Matematica Italiana, Springer (2019).
2. P. Hacking, R. Laza, D. Oprea, *Compactifying moduli spaces*, Editors: G. Bini, M. Lahoz, E. Macrì and P. Stellari, Advanced Courses in Mathematics - CRM Barcelona, Birkhäuser (2016).

3. V. Alexeev, *Moduli of weighted hyperplane arrangements*, Editors: G. Bini, M. Lahoz, E. Macrì and P. Stellari, *Advanced Courses in Mathematics - CRM Barcelona*, Birkhäuser (2015).

Visiting positions

- 2024** Institut des Hautes Études Scientifiques. Paris, France (June 2024).
Mathematical Sciences Research Institute (MSRI), Berkeley USA (April 2024).
- 2021** Max-Planck-Institut für Mathematik (Bonn) (June and July 2021).
- 2019** Institut des Hautes Études Scientifiques. Paris, France (20 May-20 June 2019).
- 2018** Department of Mathematics, Northeastern University, Boston, USA (April 2018).
- 2017** Institut Henri Poincaré, Paris, France (June 2017).
- 2016** Department of Mathematics, Northeastern University, Boston, USA (May 2016).
- 2015** Department of Mathematics, Northeastern University, Boston, USA (April 2015).
Professeur Invité at the Université de Paris 7, Paris, France (13 May-13 June 2015).
- 2014** Department of Mathematics, The Ohio State University, Columbus, USA (April 2014).
Mathematisches Institut, Universität Bonn, Germany (June 2014).
- 2013** Department of Mathematics, The Ohio State University, Columbus, USA (April 2013).
The Erwin Schrödinger International Institute for Mathematical Physics, Vienna, Austria (June 2013).
- 2011** Mathematisches Institut, Universität Bonn, Germany (May 2011).
- 2010** Department of Mathematics, University of Utah, USA (April 2010).
Professeur Invité at the Institut Henri Poincaré, Paris, France (May 2010, Special Trimester on Complex Algebraic Geometry).
- 2009** Department of Mathematics, University of Utah, USA (March 2009).
Mathematisches Institut, Universität Bonn, Germany (May 15-July 15 2009).
- 2008** Hausdorff Center for Mathematics, Bonn, Germany (January-February 2008).
Mathematisches Institut, Universität Bonn, Germany (July 2008).
- 2007** Max-Planck-Institut für Mathematik (Bonn) (April 2007-June 2007).
Hausdorff Center for Mathematics, Bonn, Germany (November 2007).
- 2006** Max-Planck-Institut für Mathematik (Bonn) (December 2005-February 2006).
Academic Visitor at the Institute for Mathematical Sciences. Imperial College, London, UK (October 2006-December 2006).
- 2005** Institut de Mathématiques, University of Paris VI (Jussieu), France (November

2005-February 2005).

2004 Department of Mathematics, University of Edinburgh, UK (November 2003-January 2004).

Institut de Mathématiques, University of Paris VI (Jussieu), France (February 2004-May 2004).

Fellowships, grants and awards

Past and present grants and research projects:

- Principal investigator of the ERC Consolidator Grant (ERC-2017-CoG-771507, StabCondEn) "*Stability Conditions, Moduli Spaces and Enhancements*" (February 2018-January 2023).
- Principal investigator of the grant FARE 2018 "*Higher categorical and stability structures in algebraic geometry*" (HighCaSt, grant number R18YA3ESPJ) (February 2020-January 2024).
- Member of the research project PRIN 2017 "*Moduli and Lie Theory*".
- Member of the research project FIRB 2012 "*Moduli Spaces and Their Applications*".
- Member of the research project "*Geometria delle Varietà Proiettive*" (PRIN 2010-11 and 2015).

Awards:

- Italian habilitation as Full and Associate Professor (December 24, 2013).
- French Qualification as University Professor (2013).
- Special mention for the *Enriques Prize 2009*.

Fellowships:

- Stipend of the Max-Planck-Institut für Mathematik (December 2005-February 2006, April 2007-June 2007, June-July 2021).
- Mathematische Institut of the Universität Bonn (July 2008, May 15-July 15 2009).
- Fellowship for young researchers travelling abroad of the Istituto Nazionale di Alta Matematica (October 2006-December 2006).
- EDGE pre-doc grant (November 2003-January 2004).
- EAGER pre-doc grant (November 2002).

Conferences and seminars (co)organized

- *Conference "New perspectives on hyperkähler manifolds and moduli of vector bundles. A conference in honor of Kieran O'Grady"*, 2-6 September 2024, Hotel San Michele, Cetraro (Italy) (with Emanuele Macrì, Giovanni Mongardi, Antonio Rapagnetta and Angel Rios).
- *Meeting "Math PhD at Unimi"*, 21-23 February 2024, Department of Mathematics, University of Milano (Italy) (with Dario Bambusi and Riccardo Montalto).
- *Mini-School "Real and complex algebraic geometry"*, 15-17 May 2023, Milano (Italy) (with E. Colombo and L. Tasin).

- Summer School "Recent perspectives in Hodge theory", 19-23 September 2022, Centro De Giorgi, Pisa (Italy) (with L. Lombardi and L. Tasin).
- Mini-workshop "Sheaves on Hyperkähler Manifolds", 21-22 April 2022, Milano (Italy)
- Mini-workshop "Singular Irreducible Symplectic Varieties", 11-12 November 2021, Milano (Italy) (with A. Barbieri and F. Caucci).
- Workshop on Derived Categories, Moduli Spaces and Deformation Theory, June 24-28, 2019, Cetraro (Italy) (with: A. Bayer, A. Hochenegger and E. Martinengo).
- Mini-workshop "One Day of Algebraic Geometry", 26 March 2019, Milano (Italy) (in collaboration with Andreas Hochenegger and Bert van Geemen).
- Mini-workshop "Two Days of Algebraic Geometry", June 21-22, 2018, Dipartimento di Matematica "F. Enriques", Milano (Italy) (with E. Colombo and V. Melani).
- Mini-workshop of Algebraic Geometry, May 10-11, 2018, Dipartimento di Matematica "F. Enriques", Milano (Italy) (with L. Pertusi).
- School on Birational Geometry of Hypersurfaces, March 19-23, 2018, Palazzo Feltrinelli, Gargnano sul Garda (Italy) (with A. Hochenegger and M. Lehn).
- Summer School – Derived Algebraic Geometry, September 14-18, 2015, Collegio Cairoli, Pavia (Italy) (with A. Canonaco).
- Algebraic Geometry Section - Classical and Modern Algebraic Geometry, First Joint International Meeting RSME-SCM-SEMA-SIMAI-UMI, July 2-4, 2014, Bilbao (Spain) (with L. Costa, A. Lopez and R. Munoz).
- Summer School – Derived Categories. June 23-27, 2014; Laboratoire de Mathématiques Jean Leray, Nantes (France) (with M. Bernardara and M. Bolognesi).
- Advanced Course – Compactifying Moduli Spaces. May 27-31, 2013, CRM Barcelona (Spain) (with G. Bini, E. Macrì and M. Lahoz).
- Spring School - Holomorphic Symplectic Manifolds and Derived Categories. March 25-30, 2008, Palazzo Feltrinelli, Gargnano del Garda (Italy) (with B. van Geemen).
- Workshop of Algebraic Geometry – Seminario di Natale. Dipartimento di Matematica "F. Enriques", Milano (Italy). Editions organized: 2006-2015.

Selected recent invitations and talks

- 2024** Department of Mathematics, Columbia University, New York, USA.
Department of Mathematics, Hong Kong University of Science and Technology, Hong Kong.
- 2023** Workshop Junior Trimester Program on "Algebraic Geometry: Derived categories, Hodge Theory and Chow Groups", Hausdorff Research Institute for Mathematics, Bonn, Germany.
Department of Mathematics, Radboud University Nijmegen, The Netherlands.
Workshop "Geometria in Bicocca 2023", Dipartimento di Matematica e Applicazioni, Università degli Studi di Milano Bicocca, Italy.
XXII Congresso dell'Unione Matematica Italiana (semi-plenary speaker), Pisa, Italy.
Summer School 2023 on Algebraic Geometry: *Derived Categories, Stability*

Conditions, and Moduli, Technion University, Haifa, Israel.

Conference "*Derived Categories Moduli Spaces and Counting Invariants*", Imperial College, London, UK.

Special Session Seminar on Hyperkaehler Manifolds, Jussieu, Paris, France.

Department of Mathematics, University of Bielefeld, Germany.

Conference "Hilbert schemes, moduli spaces, and symplectic varieties", Nantes, France.

Departament de Matemàtiques i Informàtica, Universitat de Barcelona, Spain.

Workshop "*Fano varieties, hyper-Kähler varieties, and algebraic cycles*", Université de Strasbourg, France.

2022 Special Section "*Derived Categories and Rationality*", AMS-EMS-SMF Joint International Meeting, Grenoble, France.

Dipartimento di Matematica, Università degli Studi di Pavia, Italy.

Seminar "New Directions in Group Theory and Triangulated Categories", online.

Dipartimento di Matematica, Università di Roma Tor Vergata, Italy.

2021 Algebraic Geometry Seminar, University of Zurich, Switzerland.

Representation Theory Seminar, University of Bielefeld, Germany (online).

MALGA Seminar, Padova/Verona, Italy (online).

Derived Seminar, online international seminar.

Jerusalem-Be'er Sheva Algebraic Geometry Seminar, Israel.

LAGOON Leicester Algebra and Geometry Open ONline Seminar, UK.

Dipartimento di Matematica e Fisica, Università di Roma 3, Italy.

2019 Conference "*The geometry of derived categories*", Liverpool, UK.

XXI Congresso dell'Unione Matematica Italiana, Algebraic Geometry Session, Pavia, Italy.

Workshop "*Derived Categories and Geometry in Positive Characteristic*", Stefan Banach Mathematical International Center, Warsaw, Poland.

Séminaire de Géométrie Algébrique, Jussieu, Paris, France.

Séminaire Arithmétique et Géométrie Algébrique, Université de Paris-Sud, Orsay, France.

Department of Mathematics, University of Salamanca, Spain.

Dipartimento di Matematica, Università degli Studi di Trento, Italia.

Tianyuan Mathematical Center in Southwest China, Sichuan University, China.

School of Mathematics, Tianjin University, China.

Oberseminar, Department of Mathematics, University of Duisburg-Essen, Germany.

Department of Mathematics, University of Augsburg, Germany.

2018 Workshop "*Stability Conditions and Representation Theory of Finite-Dimensional Algebras*", BIRS-CMO Casa Matemática Oaxaca, Mexico

Joint Meeting of the Italian Mathematica Union, the Italian Society for Applied and Industrial Mathematics and the Polish Mathematical Society (Algebraic Geometry Section), Wrocław, Poland.

Workshop "Japanese-European Symposium on Symplectic Varieties and Moduli Spaces", Tokyo, Japan.

Workshop "*Recent developments on arithmetic and geometry of K3 surfaces*", CIRM, Trento, Italy.

Workshop "*The Arithmetic of Derived Categories*", CIRM, Trento, Italy.

Dipartimento di Matematica, Università degli Studi di Torino, Italy.

Department of Mathematics, University of Liverpool, UK.

Department of Mathematics, University of Sheffield, UK.

Workshop "*Semiorthogonal decompositions, stability conditions and sheaves of categories*", Toulouse, France.

AMS Sectional Meeting - Section "*Geometry of Moduli Spaces*", Northeastern University, Boston, USA.

Center for Geometry and Physics, Institute for Basic Science, Pohang, South Korea.

Conference "*Korean-Italian Meeting on Algebraic Geometry 2018*", KIAS Seoul, South Korea.

2017 School "*Derived techniques in classical algebraic geometry*", Santiago de Chile.

Dipartimento di Matematica, Università degli Studi di Roma Tor Vergata, Italy.

Conference "*Algebraic and Arithmetic Conferenze 2017*", USTC Hefei, China.

Dipartimento di Matematica, Politecnico di Milano, Italy.

Fakultät für Mathematik, Technische Universität Chemnitz, Germany.

2016 Workshop "*Cubic fourfolds, hyper-Kähler varieties and algebraic cycles*", Lyon, France.

Conference "*Non-commutative, Derived and Homotopical Methods in Geometry*", University of Antwerp, Belgium.

Conference "*Moduli Spaces, Mirror Symmetry and Enumerative Geometry*", ICTP, Trieste, Italy.

Workshop "*New methods in birational geometry*", Université P. Sabatier, Toulouse, France.

Summer School "*Stability conditions on triangulated categories and geometric applications*", Sophus Lie Conference Center, Nordfjordeid, Norway.

Dipartimento di Matematica, Università degli Studi di Verona, Italy.

Department of Mathematics, University of Bielefeld, Germany.

Hausdorff School "*Derived Categories: Dimensions, Stability Conditions, and Enhancements*", Bonn, Germany.

Spring School "*Irregular Hodge Structures and Stability Conditions*", University of Mainz, Germany.

Dipartimento di Matematica, La Sapienza-Università di Roma, Italy.

Department of Mathematics, Université de Lille 1, France.

2015 Workshop - "*Moduli Spaces and Derived Categories*", University of Stavanger, Norway.

Summer School "*Moduli Spaces and Derived Categories*", Palazzone di Cortona, Italy.

AMS Summer Institute in Algebraic Geometry 2015, Salt Lake City, USA (invited speaker).

Department of Mathematics, University of Hamburg, Germany.

Summer School - "*Rationality problems in Algebraic Geometry*", CIME Courses, Levico Terme, Italy.

Conference - "*VBAC2015: Fourier-Mukai, 34 years on*", University of Warwick, UK.

Institut de Mathématiques, Université de Paris 7, France.

Workshop - "*Spring 2015 BC-Northeastern Algebraic Geometry Conference*", Northeastern University, Boston, USA.

Department of Mathematics, Boston College, USA.

Workshop - "*New techniques in birational geometry*", Simons Center, Stony Brook, USA.

Simons Symposium on Geometry over Nonclosed Fields, Puerto Rico.

Workshop - "*Geometry from Stability Conditions*", University of Warwick, UK.

Department of Mathematics, Imperial College, London, UK.

2014 Department of Mathematics, Università degli Studi di Roma 3, Italy.

Workshop - "*New developments in algebraic geometry*", National Taiwan University, Taiwan.

Department of Mathematics, The Ohio State University, Columbus, USA.

Workshop - "*Brill-Noether methods in the study of hyper-Kähler and Calabi-Yau manifolds*", Hausdorff Research Institute for Mathematics, Bonn, Germany.

The School of Mathematics, University of Edinburgh, UK (two talks).

Workshop - "*Derived Categories*", Hausdorff Research Institute for Mathematics, Bonn, Germany.

Dipartimento di Matematica, Università degli Studi di Torino, Italy.

- 2013** Workshop - "*Algebraic Analysis and Geometry 2013*", Padova, Italy.
 Institut Fourier, Université de Grenoble, France.
 Workshop - "*Higher categories and Topological Quantum Field Theory*", Erwin Schrödinger Institute, Vienna, Austria.
 Department of Mathematics, The Ohio State University, Columbus, USA.
 Workshop - "*Brauer groups and obstruction problems: moduli spaces and arithmetic*", American Institute of Mathematics, Palo Alto, USA.
 Workshop - "*Curves and their Jacobians: state of the art*", CIRM, Levice Terme, Italy.
- 2012** Workshop - "*Algebraic Geometry, Modular Forms and applications to Physics*", ICMS, Edinburgh, UK.
 Department of Mathematics, ETH Zurich, Switzerland.
 Short Summer School - "*The derived category of cubic hypersurfaces*", Barcelona, Spain.
 Conference - "*CATS4 - Higher Categorical Structures and their Interactions with Algebraic Geometry, Algebraic Topology and Algebra*", CIRM, Luminy, France.
 Conference - "*GaeLXX+, Géométrie Algébrique en Liberté XX+*", Grenoble, France.
 Conference - "*Holomorphic Symplectic Manifolds and Moduli Spaces*", Grenoble, France.
 Workshop - "*Derived Categories in Algebraic Geometry*", Dijon, France.
- 2011** Workshop - "*Genova-Torino-Milano seminar: some topics in Commutative Algebra and Algebraic Geometry*", Università degli Studi di Milano, Italy.
 Conference - "*Espaces de modules et formes automorphes*", CIRM Luminy, France.
 Workshop - "*Algebraic surfaces and related topics*", University of Poitiers, France.
 Conference - "*XIX Congresso dell'Unione Matematica Italiana*", Bologna, Italy.
 Conference - "*Derived categories and algebraic geometry*", Steklov Institute RAS, Moscow, Russia.
 Conference - "*The legacy of deformation quantization*", Ascona, ETH Zurich, Switzerland.
 Mathematische Institut, Universität Bonn, Germany.
 Workshop - "*Classical Algebraic Geometry*", Istituto Nazionale di Alta Matematica, Roma Italy.
 Conference - "*Derived Categories 2011 Tokyo*", University of Tokyo, Japan.

Teaching

- Calculus for Beni Culturali, Natural Sciences, Biotechnology and Pharmacy. Academic

years: from 2008-2009, 2014-2015, 2015-2016, 2016-2017, 2020-2021, 2021-2022 2023-2024 (first semester).

- Geometria 1 (Linear Algebra, part 1) – Lectures: academic years from 2020-2021, till 2023-2024. Exercise section: A.A. 2008-2009, 2009-2010, 2012-2013, 2013-2014, 2014-2015, 2015-2016 and 2016-2017 (first semester).
- Geometria 2 (Linear Algebra, part 2) – Exercise section. Academic year: 2007-2008 (second semester).
- Geometria 5 (Algebraic Topology and de Rham cohomology) - Lectures and exercises. Academic years: 2017-2018, 2018-2019, 2019-2020 (first semester).
- Geometria degli Schemi (Geometry of Schemes) – Lectures. Academic years: from 2015-2016 until 2023-2024 (first semester).
- Analysis for Computer Science – Lectures. Academic year: 2017-2018 (first semester).
- Discrete Mathematics for Computer Science – Complementary lectures. Academic year: 2007-2008 (first semester).
- Topologia Algebrica (Algebraic Topology) – Lectures (in English). Academic years: 2011-2012 and 2012-2013 (first semester).
- Varietà Complesse (Complex Varieties) – Exercise section (in English). Academic years: 2010-2011, 2011-2012 (first semester).

Other professional activities

Editorial activities:

- I am a member of the managing board of the *Milan Journal of Mathematics* (Birkhäuser).
- I edited the following volumes:
 - J.-L. Colliot-Thélène, A. Hochenegger, D. Huybrechts, J. Kollár, E. Macrì, P. Stellari and C. Voisin, *Birational geometry of hypersurfaces*, Editors: A. Hochenegger, M. Lehn and P. Stellari, Lecture Notes of the Unione Matematica Italiana, Springer (2019).
 - P. Hacking, R. Laza, D. Oprea, *Compactifying moduli spaces*, Editors: G. Bini, M. Lahoz, E. Macrì and P. Stellari, Advanced Courses in Mathematics - CRM Barcelona, Birkhäuser (2016).
 - V. Alexeev, *Moduli of weighted hyperplane arrangements*, Editors: G. Bini, M. Lahoz, E. Macrì and P. Stellari, Advanced Courses in Mathematics - CRM Barcelona, Birkhäuser (2015).

Activity as a referee or reviewer:

- Referee for: Acta Mathematica, Advances in Mathematics, Algebraic Geometry, Algebra and Number Theory, Annali della Scuola Normale Superiore, Applied Categorical Structure, Astérisque, Canadian Journal of Math., C. R. Math. Acad. Sci. Paris, Commentarii Mathematici Helvetici, Communications in Mathematical Physics, Compositio Mathematica, Duke Mathematical Journal, International Mathematical Research Notices, Inventiones Mathematicae, Israel Journal of Mathematics, Journal of Algebra, Journal of Algebraic Geometry, Journal of Differential Geometry, Journal of Geometry and Physics, Journal of the American Mathematical Society, Journal of the European Mathematical Society, Journal für die reine und angewandte Mathematik, Journal of the London Mathematical Society, Journal de Mathématiques Pures et Appliquées, Journal of the Mathematical Society of Japan, Mathematical

Research Letters, Mathematische Annalen, Mathematische Zeitschrift, Michigan Mathematical Journal, Nuovo Cimento, Publ. Math. IHES, Publications of the Research Institute for Mathematical Sciences, Quartely Journal of Mathematics, Rendiconti del Circolo Matematico di Palermo, Rendiconti del Seminario Matematico di Padova, and Transactions of the American Mathematical Society.

- Reviewer for the Agence National de la Recherche (France), the Cariplo Foundation, the Fonds de la Recherche Scientifique-FNRS (Belgium), ERC grants, the Marie Curie Grant (European Research Council), the National Security Agency (USA), the Polish Science Foundation.
- Member of a Jury for the French Habilitation à Diriger des Recherches, Université de Rennes 1 in 2013.
- Member of 7 Ph.D. juries (Université de Nice - France in 2008, Università degli Studi di Roma "Tor Vergata" - Italy in 2011, Université de Grenoble - France in 2013, Università degli Studi di Pavia - Italy in 2015, Sapienza Università di Roma - Italy 2018, University of Nijmegen - The Netherlands 2023 and SISSA - Italy 2023) and oral exam committee member (University of Utah, USA, 2010).

Postdocs, students and theses:

- Postdocs: Anna Barbieri, Federico Caucci, Francesco Genovese, Andreas Hochenegger, Valerio Melani, Claudio Onorati, Mattia Ornaghi, Laura Pertusi and Pawel Sosna.
- 7 Ph.D. Students: Francesco Amodeo (joint with A. Canonaco, completed in 2014), Martino Cantadore (joint with G. Vezzosi, completed in 2017), Riccardo Moschetti (joint with A. Canonaco, completed in 2014), Mattia Ornaghi (completed in 2018), Laura Pertusi (completed in 2018), Lorenzo Dasti (joint with Alberto Canonaco, completed in 2023), Matteo Doni;
- 18 Master Degree Students and 11 Bachelor Degree Students.

Administrative duties:

- Director of the Seminario Matematico e Fisico di Milano (2023-).
- Member of the Collegio di Dottorato (board for graduate studies) of the Dipartimento di Matematica "F. Enriques" of the Università degli Studi di Milano.

Languages

Italian: mother language.

English: fluent in both writing and speaking.

Spanish: fluent in both writing and speaking.

French: basic.