

CURRICULUM VITÆ OF ANGELO VISTOLI

Born in Massa Lombarda (RA), Italy, on June 1, 1958.

INSTITUTIONAL ADDRESS

Scuola Normale Superiore, Piazza dei Cavalieri 7, 56126 Pisa, Italy.

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EDUCATION

- Jun. 1, 1987 Ph.D. in Mathematics from the Massachusetts Institute of Technology. Thesis advisor: Prof. Michael Artin.
- Jul. 16, 1981 Laurea in Matematica with honors from Università di Bologna.

EMPLOYMENT

- Nov. 2006 – Present Professor, Scuola Normale Superiore (Pisa, Italy).
- Nov. 1993 – Oct. 2006 Professor, Università di Bologna (Italy).
- Nov. 1990 – Oct. 1993 Professor, Università della Basilicata, Potenza (Italy).
- Jul. 1987 – Jun. 1990 Benjamin Pierce Lecturer, Assistant Professor in Mathematics, Harvard University.

LONG TERM VISITING POSITIONS

- Feb. 2019 – May 2019 Research Professor, Mathematical Sciences Research Institute, Berkeley. Special program on Birational Geometry and Moduli Spaces.
- Feb. 2009 – May 2009 Research Professor, Mathematical Sciences Research Institute, Berkeley. Special program on Algebraic Geometry.
- Aug. 2000 – Jul. 2001 Visiting Professor, Department of Mathematics, University of Utah.
- Sep. 1996 – Jul. 1997 Invited Visiting Position, Harvard University.

Sep. 1992 – Dec. 1992 Invited Visiting Position, Brandeis University.
Sep. 1991 – Dec. 1991 Invited Visiting Position, Massachusetts Institute of
Technology.

ADMINISTRATIVE POSITIONS AT THE SCUOLA NORMALE SUPERIORE

Aug. 2019 – Oct. 2022 Prorector for Research, Evaluation and Ranking.
Oct. 2016 – Oct. 2018 Dean of the Faculty of Sciences.
Nov. 2013 – Present Director of Graduate Studies in Mathematics.

SEMINARS AND SHORT VISITS

2022 University of British Columbia (Vancouver).
2021 Institut Mittag-Leffer (Djursholm, Sweden).
2019 University of British Columbia (Vancouver), Freie Universität (Berlin).
2018 ETH (Zurich), Steklov Institute of Mathematics (Moscow), Università
di Roma *La Sapienza*.
2017 Alfred Renyi Institute of Mathematics of the Hungarian Academy of
Sciences, University of British Columbia (Vancouver), Columbia Uni-
versity, Brown University, Harvard University, Stony Brook University.
2016 Australian National University in Canberra, Freie Universität (Berlin).
2015 University of British Columbia (Vancouver), Tata Institute (Mumbai).
2014 Columbia University, Courant Institute (New York University), Duke
University, Brown University.
2013 Ecole Normale Supérieure de Lyon, Université de Bordeaux.
2012 Ecole Normale Supérieure de Lyon, Università di Firenze, University
of British Columbia (Vancouver), Università di Pavia, Université de
Bordeaux, Massachusetts Institute of Technology.
2011 Cambridge University, Imperial College (London), Université de Mont-
pellier 2.
2010 University of British Columbia (Vancouver), Université de Lille.
2009 University of British Columbia (Vancouver), Stony Brook University,
Université de Lille, University of Zürich.
2008 Alfred Renyi Institute of Mathematics of the Hungarian Academy of
Sciences (Budapest).
2007 Università di Roma Tor Vergata, Université Joseph Fourier (Grenoble),
Universität Duisburg-Essen, University of British Columbia (Vancou-
ver), University of Wisconsin at Madison.
2006 Université de Lille, Université de Nice, University of British Columbia
(Vancouver), University of Missouri at Columbia, Brown University,
Università di Roma *La Sapienza*.
2005 Brown University, University of British Columbia (Vancouver), Cam-
bridge University, University of Aberdeen, University of Southampton.

- 2004 Harvard University, University of Utah, University of Missouri at Columbia, Ohio State University at Columbus, Università di Pisa, Università di Roma III.
- 2003 Université Joseph Fourier (Grenoble), Harvard University, Ohio State University at Columbus, Georgia Technology Institute.
- 2002 University of British Columbia (Vancouver), Mathematical Sciences Research Institute (Berkeley), University of California at Berkeley.
- 2001 University of Minnesota, Boston University, University of Missouri at Columbia, University of New Mexico.
- 2000 Boston University, University of Wisconsin at Madison, University of Arizona.
- 1999 University of Utah, University of California at Irvine.
- 1998 Università di Pisa, Max-Planck-Institut (Bonn).
- 1997 University of Georgia at Athens, Università di Roma *La Sapienza*.
- 1996 University of Missouri at Columbia, University of Texas at Austin.
- 1995 University of Chicago.
- 1994 Harvard University, Princeton University.
- 1993 Université de Paris VII, Tel Aviv University.
- 1992 University of Southern California, University of California at Los Angeles.
- 1990 Bergen University, University of Oslo.
- 1989 University of Chicago.
- 1988 University of Pennsylvania.

RESEARCH INTERESTS

- (1) Moduli theory, algebraic stacks.
- (2) Logarithmic geometry.
- (3) Essential dimension.
- (4) Actions of algebraic groups, equivariant K-theory, equivariant cohomology, equivariant intersection theory
- (5) Fields of moduli.

RESEARCH ARTICLES

- (1) (with Giulio Bresciani) Fields of moduli and the arithmetic of tame quotient singularities, *Compos. Math.* **160** (2024), no. 5, pp. 982–1003.
- (2) (with Andrea Di Lorenzo, Roberto Fringuelli), Integral Picard group of moduli of polarized K3 surfaces, *Bull. London Math. Soc.* **56** (2024), no. 2, pp. 461–879.
- (3) (with Giulio Bresciani) An arithmetic valuative criterion for proper maps of tame algebraic stacks, 9 pages, **173** (2024), no. 3–4, pp.1061–1071.
- (4) (with Giulio Bresciani) The genericity theorem for the essential dimension of tame stacks, *Pure Appl. Math. Q.* **18** (2022), pp. 1365–1377.

- (5) (with Andrea Di Lorenzo, Damiano Fulghesu) The integral Chow ring of the stack of smooth non-hyperelliptic curves of genus three, *Trans. Amer. Math. Soc.* **374** (2021), pp. 5583–5622.
- (6) (with Niels Borne) Fundamental gerbes, *Algebra Number Theory* **13** (2019), pp. 531–576.
- (7) (with Patrick Brosnan, Zinovy Reichstein) Essential dimension in mixed characteristic, *Doc. Math.* **23** (2018), pp. 1587–1600.
- (8) (with Mattia Talpo) A general formalism for logarithmic structures, *Boll. Unione Mat. Ital.* **11** (2018), pp. 489–502.
- (9) (with Mattia Talpo) The Kato–Nakayama space as a transcendental root stack, *Int. Math. Res. Notices* **19** (2018), pp. 6145–6176.
- (10) (with Mattia Talpo) Infinite root stacks and quasi-coherent sheaves on logarithmic schemes, *Proc. London Math. Soc.* **117** (2018), no. 5, pp. 1187–1243.
- (11) (with Zinovy Reichstein) Essential dimension of finite groups in prime characteristic, *C. R. Math. Acad. Sci. Paris* **356** (2018), no. 5, pp. 463–467.
- (12) (with Damiano Fulghesu) The Chow ring of the stack of smooth plane cubics, *Michigan Math. J.* **67** (2018, no. 1), pp. 3–39.
- (13) (with Mattia Talpo) The motivic class of the classifying stack of the special orthogonal group, *Bull. London Math. Soc.* **47** (2017), no. 5, pp. 818–823.
- (14) (with Zinovy Reichstein) On the dimension of the locus of determinantal hypersurfaces, *Canad. J. Math.* **60** (2017), no. 3, pp. 613–630.
- (15) (with Niels Borne) The Nori fundamental gerbe of a fibered category, *J. Algebraic Geom.* **24** (2015), no. 2, pp. 311–353.
- (16) (with Zinovy Reichstein), A genericity theorem for algebraic stacks and essential dimension of hypersurfaces, *J. Eur. Math. Soc.* **15** (2013), pp. 1999–2026.
- (17) (with Dajano Tossici) On the essential dimension of infinitesimal group schemes, *Amer. J. Math.* **135** (2013), pp. 103–114.
- (18) (with Niels Borne) Logarithmic structures and parabolic sheaves, *Adv. Math.*, **231** (2012), pp. 1327–1363.
- (19) (with Michele Bolognesi), Stacks of trigonal curves, *Trans. Amer. Math. Soc.*, **364** (2012), pp. 3365–3393.
- (20) (with Dan Abramovich, Martin Olsson) Twisted stable maps to tame Artin stacks, *J. Algebraic Geom.* **20** (2011), pp. 299–377.
- (21) (with Patrick Brosnan, Zinovy Reichstein) Essential dimension of moduli of curves and other algebraic stacks (with an appendix by Najmuddin Fakhruddin), *J. Eur. Math. Soc.* **13** (2011), pp. 1079–1112.
- (22) (with Patrick Brosnan, Zinovy Reichstein) Essential dimension, spinor groups, and quadratic forms, *Ann. of Math.* **171** (2010), pp. 533–544.
- (23) (with Dan Abramovich and T. Graber) Gromov–Witten theory of Deligne–Mumford stacks, *Amer. J. of Math.* **130** (2008), pp. 1337–1398.
- (24) (with Dan Abramovich, Martin Olsson) Tame stacks in positive characteristic, *Ann. Inst. Fourier* **58** (2008), pp. 1057–1091.

- (25) On the Chow ring and the cohomology of the classifying space of PGL_p , *J. Reine Angew. Math.* **610** (2007), pp. 181–227.
- (26) (with Alberto Molina Rojas) On the Chow rings of classifying spaces for classical groups, *Rend. Sem. Mat. Univ. Padova* **116** (2006), pp. 271–298.
- (27) (with Zinovy Reichstein) Birational isomorphisms between twisted group actions, *J. Lie Theory* **16** (2006), pp. 791–802.
- (28) (with Dan Abramovich) Twisted stable maps and quantum cohomology of stacks, in *Intersection theory and moduli*, ICTP Lecture Notes **19** (2004), pp. 97–138.
- (29) (with Andrew Kresch) On coverings of Deligne–Mumford stacks and surjectivity of the Brauer map. *Bull. London Math. Soc.* **36** (2004), pp. 188–192.
- (30) (with Alessandro Arsie) Stacks of cyclic covers of projective spaces, *Compos. Math.* **140** (2004), pp. 647–666.
- (31) (with Dan Abramovich, Alessio Corti) Twisted bundles and admissible covers, *Comm. Algebra* **31** (special volume in honor of S. Kleiman’s 60th birthday) (2003), 3547–3618.
- (32) (with Gabriele Vezzosi) Higher algebraic K-theory for actions of diagonalizable groups, *Invent. Math.* **153** (2003), pp. 1–44.
- (33) (with Dan Abramovich) Compactifying the space of stable maps, *J. Amer. Math. Soc.* **15** (2002), pp. 27–75.
- (34) (with Dan Abramovich, Tom Graber) Algebraic orbifold quantum products, in *Orbifolds in mathematics and physics (Madison, WI, 2001)*, (editors A. Adem, J. Morava and Y. Ruan), Contemporary Mathematics **310**, A.M.S. (2002), pp. 1–24.
- (35) (with Gabriele Vezzosi) Higher algebraic K-theory of group actions with finite stabilizers, *Duke Math. J.* **113** (2002), pp. 1–55.
- (36) (with Dan Edidin, Brendan Hassett and Andrew Kresch) Brauer groups and quotient stacks, *Amer. J. Math.* **123** (2001), pp. 761–777.
- (37) (with Dan Abramovich) Complete moduli for fibered surfaces, in G. Ellingsrud, W. Fulton, A. Vistoli (eds.), *Recent Progress in Intersection Theory*, Proceedings of the *International Conference on Intersection Theory*, Bologna, December 15–20, 1997, Birkhäuser 2000) pp. 3–31.
- (38) The Jacobian conjecture in dimension 3 and degree 3, *J. Pure Appl. Algebra* **142** (1999), pp. 79–89.
- (39) The Chow ring of \mathcal{M}_2 , *Invent. Math.* **131** (1998), pp. 635–644, an appendix to *Equivariant Intersection Theory*, by D. Edidin and W. Graham.
- (40) (with Shun-Ichi Kimura) Chow rings of infinite symmetric products, *Duke Math. J.* **85** (1996), pp. 411–430.
- (41) The number of reducible hypersurfaces in a pencil, *Invent. Math.* **112** (1993), pp. 247–262.
- (42) Higher equivariant K-theory for finite group actions, *Duke Math. J.* **63** (1991), pp. 399–419.
- (43) Equivariant Grothendieck groups and equivariant Chow groups, in E. Ballico, F. Catanese e C. Ciliberto (eds.), *Classification of Irregular*

- Varieties*, Lecture Notes in Mathematics **1515**, Springer–Verlag (1992), pp. 112–133.
- (44) The Hilbert stack and the theory of moduli of families, in S. Coen (ed.) *Seminari di Geometria*, Dipartimento di Matematica, Università di Bologna (1991).
 - (45) Characteristic classes of principal bundles in algebraic intersection theory, *Duke Math. J.* **58** (1989), pp. 299–355.
 - (46) Intersection theory on algebraic stacks and on their moduli spaces, *Invent. Math.* **97** (1989), pp. 613–670.
 - (47) Alexander duality in intersection theory, *Compos. Math.* **70** (1989), pp. 199–225.
 - (48) (with Anna Rosolini) The Penrose transform and the topology of certain algebraic varieties, *Lett. Math. Phys.* **12** (1986), pp. 7–13.
 - (49) Chow groups of quotient varieties, *J. Algebra* **107** (1987), pp. 410–424.
 - (50) (with Silvio Greco) On the construction of rational surfaces with assigned singularities, in *Algebraic geometry—open problems* (Ravello, 1982), Lecture Notes in Mathematics **997**, Springer–Verlag, Berlin (1983), pp. 210–217.

BOOK CHAPTERS

- (1) Notes on Grothendieck topologies, fibered categories and descent theory, in B. Fantechi, L. Göttsche, L. Illusie, S. Kleiman, N. Nitsure, A. Vistoli, *Fundamental Algebraic Geometry: Grothendieck’s FGA explained, Mathematical Surveys and Monographs* **123** (2006), A.M.S., Providence RI, 352 p.
- (2) (with Mattia Talpo) Deformation theory from the point of view of fibered categories, G. Farkas, I. Morrison (editors), *Handbook of moduli*, International Press, Boston (2013).

ARTICLES FOR THE GENERAL PUBLIC

- (1) Groupoids: a local theory of symmetry, *Isonomia (rivista online di filosofia dell’Università di Urbino)*, <http://isonomia.uniurb.it/wp-content/uploads/2016/12/2011Vistoli.pdf> (2011).
- (2) (with Mirella Manaresi) Alcune riflessioni su *Fermat’s last theorem*, in *Matematica e cultura in Europa*, a cura di Mirella Manaresi, Springer–Verlag Italia (2005). Translated as: A few reflexions on *Fermat’s last theorem*, in *Mathematics and Culture in Europe*, edited by Mirella Manaresi, Springer–Verlag, Berlin (2007).
- (3) Un matematico legge *Proof*, in *Matematica e cultura in Europa*, a cura di Mirella Manaresi, Springer–Verlag Italia (2005). Translated as: A mathematician reads *Proof*, in *Mathematics and Culture in Europe*, edited by Mirella Manaresi, Springer–Verlag, Berlin (2007).

PREPRINTS

- (1) (with Andrea Di Lorenzo, Michele Pernice) Stable cuspidal curves and the integral Chow ring of $\overline{\mathcal{M}}_{2,1}$, 40 pages, available at <http://arxiv.org/abs/2108.03680>, accepted for publication in *Geom. Topol.*.
- (2) (with Andrea Di Lorenzo) Polarized twisted conics and moduli of stable curves of genus two, 32 pages, available at <http://arxiv.org/abs/2103.13204>.

UNPUBLISHED WORKS

- (1) (with Giulio Bresciani) An elementary approach to Stix's proof of the real section conjecture, 4 pages, available at <http://arxiv.org/abs/2012.06278>.
- (2) (with Patrick Brosnan, Zinovy Reichstein) Essential dimension and algebraic stacks, 52 pages, available at <http://arxiv.org/abs/math.AG/0701903>.
- (3) On the minimal compactification of a polynomial in two variables, 5 pages, available at <http://arxiv.org/abs/math.AG/9904035>.
- (4) The deformation theory of local complete intersections, 52 pages, available at <http://arxiv.org/abs/alg-geom/9703008>.

EDITORIAL ACTIVITIES

- (1) From March 2013: Member of the Editorial Board of *Algebraic Geometry*, an open access journal owned by the *Foundation Compositio Mathematica*.
- (2) From March 2009: Member of the Editorial Board of the *Annali della Scuola Normale Superiore, Classe di Scienze*.
- (3) *Advances in Mathematics*, volume **198**, issues 1 and 2 (2005), in honor of the 70th birthday of. Edited by: Johan de Jong, Eric Friedlander, Lance W. Small, John Tate, Angelo Vistoli.
- (4) G. Ellingsrud, W. Fulton, A. Vistoli (eds.), *Recent Progress in Intersection Theory*, Proceedings of the *International Conference on Intersection Theory*, Bologna, December 15–20, 1997, Birkhäuser 2000.

CONFERENCES AND SCHOOLS ORGANIZED

- (1) *Classical Elegance: the Geometry of Algebraic varieties. A Conference in honour of Rita Pardini's 62th birthday*, June 7–10, 2022, Cortona. Scientific Committee: Ciro Ciliberto, Margarida Mendes Lopes, Angelo Vistoli.
- (2) *Conférence "Géométrie Algébrique et Géométrie complexe"*, December 11–15, 2017, C.I.R.M. (Marseille, France). Scientific Committee: C. Araujo, P. Eyssidieux, C. Mourougane, A. Vistoli.

- (3) *Fundamental Groups in Arithmetic and Algebraic Geometry*, December 16–20, 2013, Centro De Giorgi, Pisa, Italy. Organizers: N. Borne, T. Szamuely, A. Vistoli.
- (4) *Giornate di Geometria Algebrica ed argomenti correlati XI*, May 23–26, 2012, Centro De Giorgi, Pisa, Italy. A conference for young Italian algebraic geometers. Organizers: A. Lopez, R. Pardini, A. Vistoli.
- (5) *School and Workshop on Aspects of Moduli*, June 15–28, 2008, Centro De Giorgi, Pisa, Italy. Organizers: D. Abramovich, D. Maulik, R. Vakil, A. Vistoli.
- (6) *Giornate di Geometria Algebrica ed argomenti correlati VII*, May 18–22, 2004, Rimini, Italy. A conference for young Italian algebraic geometers. Organizers: Marco Andreatta, Angelo Lopez, Mirella Manaresi, Luca Migliorini, Angelo Vistoli.
- (7) *Advanced School in Basic Algebraic Geometry*, July 7–18, 2003, I.C.T.P., Trieste, Italy. Organizers: L. Göttsche, C.S. Seshadri, A. Vistoli.
- (8) Special session on *Quantum Cohomology and Moduli Spaces* in the *First Joint International Meeting AMS–UMI*, Pisa, June 12–16, 2002. Organizers: A. Bertram, A. Vistoli.
- (9) *Workshop on K-theory and Algebraic Cycles*, Università di Bologna, February 7–9, 2002. Scientific Committee: M. Manaresi, C. Pedrini, Gabriele Vezzosi, A. Vistoli.
- (10) *Algebraic Stacks, Intersection Theory, and Non-Abelian Hodge Theory*, a semester-long program that took place at MSRI in the Spring of 2002. Scientific committee: W. Fulton, L. Katzarkov, M. Kontsevich, Y. Manin, R. Pandharipande, T. Pantev, C. Simpson and A. Vistoli.
- (11) *Second international conference on intersection theory*, Department of Mathematics, University of Bologna, December 13–18, 1999. Scientific committee: G. Ellingsrud, S. Kleiman, A. Vistoli.
- (12) *International conference on intersection theory*, Department of Mathematics, University of Bologna, December 15–20, 1997. Scientific committee: G. Ellingsrud, W. Fulton, A. Vistoli.

The proceedings of this conference appeared as: G. Ellingsrud, W. Fulton, A. Vistoli (eds.) *Recent Progress in Intersection Theory*, Birkhäuser (2000).

SUMMER SCHOOLS

- (1) Three lectures within the *AGNES Summer School on Intersection Theory on Moduli Spaces*, Brown University, Providence, RI, July 11–14, 2023. Teachers: A. Di Lorenzo, E. Larson, H. Larson, A. Vistoli.
- (2) *Gerbes*, Course of four lectures within the *Summer School: Algebraic Stacks and Related Topics*, Mainz Germany, August 31 – September 4, 2015. Teachers: J. Alper, M. Lieblich, M. Olsson, A. Vistoli.
- (3) *The Nori fundamental group scheme*, Course of four lectures within the *Summer School 2014 of the IRTG “Moduli and Automorphic Forms”*, Budapest, August 25–30, 2014. Teachers: F. Charles, G. Chenevier, D. van Straten, A. Vistoli.

- (4) *September Algebraic Geometry School on Equivariant Intersection Theory*, Lukecin, Poland, September 11–17, 2005. Teachers: A. Kresch, A. Vistoli.
- (5) *Grothendieck topologies and descent theory*, Course of ten lectures within the *Advanced School in Basic Algebraic Geometry*, I.C.T.P., Trieste, Italy, 7–18 July 2003. Teachers: L. Göttsche, L. Illusie, S. Kleiman, N. Nitsure, A. Vistoli.
- (6) *Introduction to algebraic stacks*, Course of five lectures within the *School on Intersection theory and Moduli*, I.C.T.P., Trieste, Italy, 9–19 September, 2002. Teachers: Dan Abramovich, A. Bertram, K. Behrend, E. Frenkel, D. Huybrechts, M. Lehn, J. Li, F. Loeser, A. Vistoli.
- (7) *Summer school on algebraic stacks*, Cortona, Italy. Teachers: A. Vistoli, C. Walter. Three weeks in August 1997.

SELECTED INVITED TALKS IN INTERNATIONAL CONFERENCES

- (1) *Arithmetic, Birational Geometry, and Moduli Spaces*, a conference to celebrate Dan Abramovich’s 60th birthday, Brown University, Providence, RI, June 12–16, 2023.
- (2) Series of 2 lectures on *Fields of moduli, the arithmetic of quotient singularities, and the Lang-Nishimura theorem for algebraic stacks* in the conference *Geometric and Arithmetic Frontiers of Orbifolds II – Arithmetic and hyperbolicity*, Strasbourg, June 5–9, 2023.
- (3) *2022 Brauer Group Meeting in Israel*, The Academic College of Tel Aviv-Yaffo, Tel Aviv, June 27 – July 1, 2022.
- (4) *Lucia Geometrica – a celebration of geometry*, Stockholm University, December 9–13, 2019.
- (5) *Recent Progress in Moduli Theory*, MSRI, Berkeley (USA), May 6–10, 2019.
- (6) *Western Algebraic Geometry Symposium*, Berkeley (USA), April 13–14, 2019.
- (7) *The Legacy of Carl Friedrich Gauss*, Tsinghua Sanya International Mathematics Forum (Sanya, China), December 18–22, 2017.
- (8) *Equivariant geometry and algebraic stacks*, Australian National University (Kioloa Campus), March 14–18, 2016.
- (9) *Algebraic Geometry conference*, Bangalore (India) December 10–16, 2015.
- (10) *XX Congresso dell’Unione Matematica Italiana*, Siena, Italy, September 7–12, 2015 (plenary speaker).
- (11) *Mathematics of the 21st century: the vision of Alexander Grothendieck*, Montpellier, June 15–19, 2015.
- (12) AGNES 2012, Brown University, Providence (RI), October 26–30, 2012.
- (13) *Algebraic Stacks: Progress and Prospects*, Banff, March 26–30, 2012.
- (14) Series of 3 lectures on *Essential dimension* in the conference *Géométrie algébrique complexe*, C.I.R.M. (Marseille, France), March 12–16, 2012.
- (15) *Moduli spaces and moduli stacks*, Columbia University, New York, May 23–27, 2011.

- (16) *Log Conf 2010: Current trends in logarithmic geometry*, Bordeaux, June 22–25, 2010.
- (17) *Giornata INdAM*, Catania, Italy, June 4, 2010.
- (18) *Conference on Algebraic Geometry and Arithmetic*, February 16–20, 2010, Essen, Germany.
- (19) *Arithmetic Geometry and Moduli Spaces in Algebraic Geometry*, August 24–28, 2009, Hangzhou, China.
- (20) *Aspects de la géométrie algébrique: la postérité mathématique de Grothendieck*, January 12–16, 2009, IHES, Paris.
- (21) *Geometric invariant theory Conference*, June 2–6, 2008, Göttingen, Germany.
- (22) Series of 5 lectures on *Gerbes and Essential Dimension* in the conference *Géométrie Algébrique en Liberté*, April 20–26, 2008, Madrid.
- (23) *Workshop on Stacks in Geometry and Topology*, Fields Institute, Toronto, Canada, May 14–18, 2007.
- (24) *Workshop on Quantum Cohomology of Stacks*, Institut Henri Poincaré, Paris, February 12–16, 2007.
- (25) *AMS Special Session on Algebraic Geometry and Moduli Spaces*, Storrs (CT), U.S.A., October 29, 2006.
- (26) *Algebraic groups, quadratic forms and related topics*, Banff (Canada), September 2–7, 2006.
- (27) *Summer Institute in Algebraic Geometry*, session on *Geometric Langlands, D-modules & categorical stacks*, Seattle, Washington, July 25 – August 12, 2005.
- (28) *Conference on Algebraic Topology*, Cracow, Poland, June 27 – July 1, 2005.
- (29) *Groupoids and Stacks in Physics and Geometry*, C.I.R.M. (Marseille, France), June 28 – July 2, 2004.
- (30) *School & Workshop on Gromov–Witten Invariants*, I.C.T.P., Trieste, Italy, June 21–26, 2004.
- (31) Series of 4 lectures on *Algebraic stacks and group actions* in the conference *Géométrie algébrique complexe 2*, C.I.R.M. (Marseille, France), December 15–19, 2003.
- (32) *Conference on Intersection theory and Moduli*, I.C.T.P., Trieste, Italy, September 23–27, 2002.
- (33) *Algebraische K-Theorie*, Mathematisches Forschungsinstitut Oberwolfach, Germany, August 4–10, 2002.
- (34) *Conference in Honor of Steven Kleiman's 60th Birthday*, Norwegian Academy of Science, Oslo, May 30–June 2, 2002.
- (35) *Workshop on intersection theory on algebraic stacks*, program on *Algebraic Stacks, Intersection Theory, and Non-Abelian Hodge Theory*, M.S.R.I., Berkeley, March 11–15, 2002.
- (36) *Introductory workshop of the program Algebraic Stacks, Intersection Theory, and Non-Abelian Hodge Theory*, M.S.R.I., Berkeley, January 10–16 2002.

- (37) *Workshop on Mathematical Aspects of Orbifold String Theory*, University of Wisconsin, Madison, May 4–8, 2001.
- (38) *Conference on Intersection Theory Dedicated to the Memory of Wolfgang Vogel*, Ruhr University Bochum, Germany, September 2–4, 1999.
- (39) *Europroj Annual Conference*, Toledo, Spain, September 22–27, 1998.
- (40) *Miniactivity on affine algebraic geometry*, Max-Planck-Institut, Bonn, Germany, August 20 – September 12, 1998.

POST-DOCS SUPERVISED

- (1) Fatma Kader Bingöl, 2024–2025.
- (2) Samouil Molcho, 2016–2018. Currently Postdoc at ETH, Zürich.
- (3) Dajano Tossici, 2009–2011. Currently Maître de Conférences at the University of Bordeaux 1.
- (4) Michele Bolognesi, 2007–2009. Currently Professor at the University of Montpellier.

DOCTORAL STUDENTS

- (1) Francesco Sala (Scuola Normale Superiore). Thesis topic: K-theory of algebraic stacks.
- (2) Michele Pernice (Scuola Normale Superiore). Finished in December 2022. Thesis title: *A_r -stable curves and the Chow ring of $\overline{\mathcal{M}}_3$* . Currently postdoc at KTH, Stockholm.
- (3) Laurent Schadeck (Scuola Normale Superiore). Finished in October 2019. Title of thesis: *K-theory of tame Artin stacks*. Currently Quantitative Researcher at Engineers Gate, NY, U.S.A.
- (4) Andrea Di Lorenzo (Scuola Normale Superiore). Finished in June 2018. Title of thesis: *Integral Chow ring and cohomological invariants of stacks of hyperelliptic curves*. Currently Postdoc at Humboldt-Universität, Berlin.
- (5) Giulio Bresciani (Scuola Normale Superiore). Finished in September 2018. Title of thesis: *Topics in anabelian geometry*. Currently Postdoc at the the De Giorgi Center, Pisa, Italy.
- (6) Roberto Pirisi (Scuola Normale Superiore). Finished in July 2015. Title of thesis: *Cohomological invariants of algebraic curves*. Currently has a tenure-track position at the University of Naples.
- (7) Mattia Talpo (Scuola Normale Superiore). Finished in February 2014. Title of thesis: *Infinite root stacks of logarithmic schemes and moduli of parabolic sheaves*. Currently Associate Professor at the University of Pisa.
- (8) Fabio Tonini (Scuola Normale Superiore). Finished in May 2013. Currently Software Developer, Google, Zurich.
- (9) Flavia Poma (SISSA, jointly with Barbara Fantechi). Finished in October 2012. Title of thesis: *Gromov-Witten theory of tame Deligne-Mumford stacks in mixed characteristic*. Currently Quantitative Analyst at Lloyds Banking Group, London.

- (10) Luis Alberto Molina Rojas (Università di Roma III). Finished in April 2007. Title of thesis: *The Chow ring of the classifying space of Spin_8* .
- (11) Damiano Fulghesu (Scuola Normale Superiore, Pisa). Finished in June 2005. Title of thesis: *The Chow ring of the stack of nodal rational curves of genus 0*. Currently Associate Professor at the Minnesota State University at Moorhead.
- (12) Marco Barone (Università di Bologna). Finished in May 2004. Title of thesis: *The stack of triple covers of Brauer–Severi schemes of dimension 1*.
- (13) Silvano Baggio (Università di Bologna). Finished in May 2004. Title of thesis: *Equivariant K-theory of smooth toric varieties*.
- (14) Elisa Targa (Università di Bologna). Finished in May 2003. Title of thesis: *The Chow ring of the classifying space of PGL_n is not generated by Chern classes, when n is an odd prime*.
- (15) Gabriele Vezzosi (Scuola Normale Superiore, Pisa). Finished in May 1999. Title of thesis: *The Chow ring of the classifying stack of PGL_3* . Currently Full Professor at the University of Florence.

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