

Current position

Full Professor of Geometry, Department of Mathematics,
University of Pavia.

Date of Birth

December 20, 1957: Velezzo Lomellina (Pavia).

Academic Career

1981-1983 Scholar INDAM F, Severi.

1984-1991: Research Associate, Dip. di Matematica Università di Pavia.

1992-1994: Associated Professor of Geometry, Università di Pavia.

1994-1997: Professor of Geometry, Università di Torino (Alessandria)

1997- present: Full Professor of Geometry, Department of Mathematics,
University of Pavia.

1985-86: Visiting Professor Math. Dept., Brown University
(Providence RI, USA)

-Dec. 1992: Msri Berkeley (Special Year in Algebraic Geometry 1992-1993)

14 Nov. -14 Dec. 1994: Dep. of Math Granada Univ. Spain.

July 2001: Msri Berkeley (Minimal Surfaces

Program, June 25, 2001 - July 27, 2001).

March-April 2003: U-Penn Philadelphia and Ohio State Univ. Columbus (USA).

December 2003: Barcelona Univ. ;

November 2004-Feb. 2005: IMUB Barcelona.

Visiting Researcher:

01/2015-12/2016 KAIST Korean Advanced Institute of Science and Technology

03/2013-05/2013 Univ. de Barcelona -

09/2013-10/2013 KAIST-

March-April 2016 Lisboa

2016 November-December Moerelia Mexico

Other Appointments

1 November 1984 - 31 October 1986: Director of the Undergraduate
School Mathematics Alessandria

1 November 2008- Director of the Doctorate in Mathematics
and Statistics of the Univ. of Pavia

2011-present member of Istituto Lombardo Accademia di Scienze e Lettere

03/2013-05/2013 Universitat de Barcelona - Visiting Researcher.

01/2015-31-december 2016 Visiting Researcher KAIST Korea

Research Interests

Algebraic Differential Geometry: algebraic cycles, moduli of curves periods, Galois theory and monodromy, algebraic surfaces and abelian varieties. Minimal surfaces.

Selected Conferences

- June 1995 Paris: Meeting "Rencontre sur les surfaces minimales"

- Dec 1995 Granada -Berlin: Humbolt University 6.2.96, and Max Plank Institute 7.2.97

-Berlino (Dec 96) Meeting AGE A

- Roma (June 97) (Bimestre di Geometria Enumerativa)

- May 98 Pisa (Pisa trimestre INDAM "Teoria di Hodge, Simmetria Speculare e Coomologia

- Barcelona 29.11.2001

-Firenze 9-4 2002 (Meeting in Memoria di Fabio Bardelli)

- Cortona Oct. 14-20, 2002. "Perspectives in Classification and Moduli Theory"

- Philadelphia March 2003 U-Penn University

-Columbus April 2003 Ohio University

-Barcelona Dec. 2003

-Nijgata (Japan) February 2004

Nagoya (Japan) December 2004

-Oberwolfach (Germany Feb. 2005)

- Baltimore (March 2005) Jami conference.

- Sado Island Japan June 2006

-Bayreuth DFG conference April 4 - 8, 2006.

-Buones Aires July 2008

-Levico Trento Sept. 2010

-La Cumbre Argentina (August ELGA 2011)

-Kias Corea (March 27-30 2012)

- Berlin (May 16 2012)
- Luminy March (2013)
- Lisboa (3 Luglio 2013)
- Kias Korea September 2013: 4 seminars on irregular surfaces
- Concepcion Chile (25 NOV. 2013) Colloquium Bio Bio University:
- Santiago Chile (3 DIC 2013)
- Bilbao (July 2 2014) : Applications of spin structures on complex algebraic curves (Joint meeting Italian and Spain Math. Soc.)
- La Frontera Chile (10.12.2014)
- Torino February 2 2015
- Kaist (Daejeon Korea) May 2015
- Lisboa July 2 2015
- Berlin October 8 2015 : Massey product and Fujita decomposition
- Kaist Workshop on algebraic surfaces and moduli; 11-15 June 2016
- Catania : Pragmatica Monodromy
- Dicembre 2016 : Morelia (5-12 december) Mexico:
Geometry of Hyperplane section
- 2018 1-15 Sept (Cetraro), 1-6 Oct. Bangaluru (India)

Organization of meetings:

Chairman of the conference organizing committee UMI (2-9 September 2019)

- 1) Alghero 19-23 Sept. 2006 Topology of Complex Algebraic Varieties.
- 2) Giornate di Geometria Pavia February 13-14 2007
- 3) Aritmetica e Geometria Pavia November 8 2007
- 4) Giornate di Geometria 2/3/4 Pavia February 19-20/2/2010 8-9 /3/ 2012, 8-9/2/ 2014

Phd Students:

- 1) Claudio Arezzo(PhD 1998) Sulle superficie Periodiche di Area Minima
- 2) Renza Cortini (PhD 2000) Degree of irrationality of surfaces in P^3 .
- 3) Cecilia Rizzi (PhD 2005) The infinitesimal invariant of Curves.
- 4) Andrea Causin (PhD 2008 Roma): Real Linear Spaces of Matrices
- 5) Francesco Bastianelli (PhD 2009) The Geometry of the Second Symmetric of Curves.
- 6) Ornella Valeria Maruccci (PhD 2011) Curves in Jacobian and Prym varieties
- 7) Emanuele Raviolo (PhD 2012) Thesis: Some Geometric application of the theory of variation of Hodge Structure.
- 8) Sara Torelli phd (PhD 2017) Fujita decompositions and infinitesimal invariants on fibred surfaces,
- 9) Maria Gioia Cifani PhD (2019) Mododromy of projections
- 10) Davide Bricalli The geometry of the Hessian locus: from a theorem of Gordan and Noether to cubic fourfolds, via Gorenstein rings

Advanced Schools Organized

- 1) The global theory of minimal surfaces in flat C.I.M.E. Session Martina Franca, July 7-14, 1999.
- 2) Eager-Cirm School-Workshop " The geometry of Fourier Mukai transform" Levico Terme (Tn-Italy), June 15-20, 2003.
- 3) CIRM-CIME course "Rationality problems in Algebraic Geometry, Levico 22-27 June 2015

Award : Preso Lineo per la Matematica 2022