

Curriculum

General news

- Born: 01/28/1969, Rome.
- Degree: Dottore in Matematica, 06/19/1992 from Università di Firenze.
- PhD in Mathematics from Università di Firenze, July 1997, under the advise of Prof. Paolo de Bartolomeis.
- Current position: Professore Straordinario SSD MAT03/GEOMETRIA, Università di Parma (since 06/30/2011).
- 12/30/1996 – 10/31/2002: Ricercatore universitario SSD GEOMETRIA, Università di Palermo and Parma.
- November 2002 – June 2011: Professore Associato, Facoltà di Scienze Università di Parma, SSD MAT03/GEOMETRIA.
- He spent research period and he has been a visiting professor at University of Michigan, University of Minnesota, University of Notre Dame, Florida International University, Université de Bourgogne, Ruhr Universität, University of Edinburgh, University of Pais Vasco, University of Zaragoza, Centre International de Rencontres Mathématiques, Luminy, where he gave talks.
- He attended and was invited to give a talk at international scientific meetings at: Pisa Centro de Giorgi, Firenze, Perugia, Trento, Kuehlungsborn, Tenerife, Les Rasses sainte Croix, Bordeaux, Castro Urdiales, Torino, Benasque, Fribourg, Luxembourg.
- He gave talks at Universities of Bologna, Firenze, Milano Bicocca, Milano, Padova, Palermo, Perugia, Politecnico di Milano, Potenza, Piemonte Orientale, Roma II.
- He is the editor-in-chief della Rivista di Matematica della Università di Parma, since January 2009.
- He has been referee for *Adv. In Geom.*, *Ann. Mat. Pura ed Appl.*, *Duke Math. J.*, *Invent. Math.*, *Intern. Math. Res. Notices*, *J. Algebra*, *J. Geom. Anal.*, *J. Geom. and Phys.*, *Topol. its Appl.*.

- PhD thesis

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Teaching experience.

Many calculus courses at various levels have been taught at the universities of Parma. I have taught graduate courses at Mathematics Department in differential geometry, symplectic geometry complex geometry, Riemannian geometry and graduate courses in differentiable manifolds, symplectic geometry and cohomology of complex manifolds.

Research interests.

Research activity mainly focuses on two themes, both related to analytic and geometric properties of manifolds endowed with special structures. The first one deals with the existence problem for special structure on (almost) complex and symplectic manifolds.

The second theme of research deals with the study of cohomological properties of almost complex manifolds. The study of such a topic is motivated, from one side by the aim of generalizing cohomological decomposition in the non Kähler context and on the other side by the study of the connections between the tamed symplectic cone and the compatible symplectic cone.