

Publications of Marco Andreatta.

- 1 *Singularités faiblement rationnelles des espaces complexes*, with A.Silva, C.R.Acad.Sc., 296, Paris (1983), 855-858.
- 2 *On weakly rational singularities in complex analytic geometry*, with A.Silva, Ann. Mat. Pura ed Appl., Zanichelli-Bologna, Vol CXXXVI (1984), 65-76.
- 3 *Strutture affini su varietà complesse compatte*, with L.Alessandrini - A.Silva, Atti del Convegno *Geometria Analitica e Analisi Complessa*, Rende,(1984), 9-26.
- 4 *On complex solvmanifolds and affine structures*, with L.Alessandrini, Ann.Mat.Pura ed Appl. Vol CXLII (1985), 351-370.
- 5 *A resolution of the sheaf of germs of real pluriharmonic functions*, with L.Alessandrini, Proceedings of the Int. Conference Algebraic Geometry, Berlin-1985, Teubner -Texte zur Math.- Leipzig (1986).
- 6 *Closed transverse (p,p)-forms on compact complex manifolds*, with L.Alessandrini, Compositio Mathematica vol. 61, n.2,(1987) 181-200, *Erratum*: vol. 63 (1987), 143, Kluwer Ac. Publ. (1987).
- 7 *The stable adjunction map on Gorenstein varieties*, Mathematische Annalen, vol. 275, Springer-Verlag, Berlin (1986), 305-315.
- 8 *Generically ample divisors on normal Gorenstein surfaces*, with A.J.Sommese, Contemporary-Mathematics, vol. 90, Proc. of IMA Conf. on Singularities , 1986., A.M.S.- Providence (1989), 1-19.
- 9 *On the adjunction process over a surface in char.p*, with E.Ballico, Manuscripta Mathematica, vol.62, Springer-Verlag- Berlin (1988), 227-244.
- 10 *On the adjunction mapping for singular projective varieties*, with A.J.Sommese, Forum Mathematicum, vol.1, de Gruyter- Berlin (1989), 143-152.
- 11 *Generic properties of the adjunction mapping for singular surfaces and applications*, with M.Beltrametti and A.J.Sommese, Pacific Journal of Math., vol 142, Berkeley-Ca. (1990), 1-15.
- 12 *Classification of projective surfaces with small sectional genus: char.= $p \geq 0$* , with E. Ballico, Rend. Sem. Mat. Univ. di Padova, vol. 84 (1990), Padova, 175-193.
- 13 *Hyperplane sections of projective surfaces with $K_S = O_S$* , with E. Ballico, Communications in Algebra, vol. 18 n. 11, Marcel Dekker-New York (1990), 3639-3646.
- 14 *Classification of irreducible projective surfaces of smooth sectional genus ≥ 3* , with A.J.Sommese, Math. Scandinavica, vol. 67, Aarhus-Copenhagen (1990), 197-214.
- 15 *On the adjunction process over a surface in char.p II, the singular case*, with E.Ballico, Journal für die Reine und Angew. Math., vol. 417, W. de Gruyter-Berlin (1991), 77-85.
- 16 *Projectively normal adjunction surfaces*, with E. Ballico, Proceedings of the American Math. Soc., vol.112 n.4, A.M.S. -Providence (1991), 919-924.
- 17 *On the projective normality of the adjunction bundles*, with A.J. Sommese, *Appendix* with A.J. Sommese - E. Ballico, Commentarii Mathematici Helvetici, vol.66, Birkhäuser-Basel (1991), 362-367.
- 18 *On the projective normality of the adjunction bundles; the singular case*, with E. Ballico, Proc. Geometry of Complex Projective Var., Cetraro (1990), Mediterranean Press, Rende (CS) (1993), 1-7.
- 19 *On projective surfaces arising from an adjunction process*, with A. Lanteri, Japanese Journal of Math, vol. 17, n. 2, Kinokunija Company-Tokio(1991), 285-298.
- 20 *On the 2-very ampleness of the adjoint bundle*, with M. Palleschi, Manuscripta Mathematica vol. 73, Springer Verlag-Berlin (1991), 45-62.
- 21 *Vector bundles and adjunction*, with E. Ballico - J. A. Wisniewski, International Journal of Mathematics, vol. 3, n. 3, World Scientific-Singapore (1992), 331-340.

- 22 *Projective manifolds containing large linear subspaces*, with E. Ballico - J. A. Wisniewski, Proc. Classification of Irregular Varieties, ..., C.I.R.M. Trento(1990), Springer LN 1515, (1992), 1-11.
- 23 *Surfaces of sectional genus ≤ 8 with no trisecant lines*, Archiv der Mathematik, vol. 60, Birkhäuser Verlag, Basel (1993), 85-95.
- 24 *Two theorems on elementary contractions*, with E. Ballico - J. A. Wisniewski, Mathematische Annalen, vol.297 Springer-Verlag, Berlin (1993), 191-198.
- 25 *A note on non-vanishing and applications*, with J. A. Wisniewski, Duke Math. Journal, vol.72 Duke University Press, Durham-USA (1993),739-755.
- 26 *Contraction of Gorenstein polarized varieties with high nef value*, Mathematische Annalen, vol 300 Springer-Verlag,, Berlin (1994), 669-679.
- 27 *Curves and 0-cycles on projective surfaces*, with E. Ballico, Geometria Dedicata, vol. 51, Kluwer Academic Publishers, Dordrecht, The Netherlands (1994), 29-45.
- 28 *Some remarks on the study of good contractions*, Manuscripta Mathematica, vol. 87, Springer-Verlag, Berlin (1995), 359-367.
- 29 *Contractions on a manifold polarized by an ample vector bundle*, with M. Mella, Transactions of A.M.S. vol 349, A.M.S.–Providence (1997), 4669-4683.
- 30 *A view on contractions of higher dimensional varieties*, with J. A. Wisniewski, Proc. of Symposia in Pure Math., AMS-Summer Inst. in Alg. Geom, Santa Cruz 1995, vol 62, A.M.S.-(1997), 153-183.
- 31 *On the limits of manifolds with nef canonical bundles*, with T. Peternell, Complex Analysis and Geometry, Pitman Research Notes in Mathematics, vol. 366, Add.- W. Longman-Harlow, (1997), 1-6.
- 32 *On Contractions of smooth varieties*, with J. A. Wisniewski, Journal of Algebraic Geometry, vol. 7, A.M.S.–Providence, (1998), 253-312.
- 33 *On contractions of smooth varieties II: computations and appl.*, with J. A. Wisniewski, Bollettino Unione Mat. Italiana, vol.8 1-B, Zanichelli-Bologna (1998), 343-360.
- 34 *Moishezon Manifolds*, Mathematische Zeitschrift, vol.230, Springer-Verlag-Berlin (1999), 713-726.
- 35 *Ample vector bundles with sections vanishing on special varieties*, with G. Occhetta, International Journal of Math., vol.10 (1999), World Scientific-Singapore (1999), 677-696.
- 36 *Actions of Linear Algebraic Groups on Projective Manifolds and Minimal Model Program*, Osaka Journal of Mathematics,, Tokyo, vol 38 (2001), 151-166..
- 37 *On manifolds whose tangent bundle contains an ample locally free subsheaf*, with J. A. Wisniewski, Inventiones Math., Springer Verlag, vol. 146 (2001), 209-217.
- 38 *Extending extremal contractions from an ample section*, with G. Occhetta, Advances in Geom., vol 2 (2002), 133-146.
- 39 *Special rays in the Mori cone of a projective variety*, with G. Occhetta, Nagoya Math. J, vol. 168 (2002), 1-11.
- 40 *Morphisms of projective varieties from the viewpoint of minimal model theory*, with M. Mella, Dissertationes Mathematicae, vol. 413 (2003).
- 41 *Characterization theorems for the projective space and vector bundle adjunction*, Manuscripta Mathematica, vol. 110 (2003), 505-512.
- 42 *On quasi-homogeneous manifolds-via Brion-Luna-Vust theorem*, with J. A. Wisniewski, Bollettino Unione Mat. Italiana, (8) 6-B (2003), 531-544.

- 43 *The Projective Space and other simple varieties*, Proceedings of The *Fano conference*- Univ. Torino (2004), 99-108.
- 44 *Generalized Mukai conjecture for special Fano varieties*, with E. Chierici and G. Occhetta, *Central European Journal of Mathematics*, 2004, vol. 2 n. 2, 272-293.
- 45 *Fano manifolds with long extremal rays*, with G. Occhetta, *Asian J. Math.* 9 (2005), no. 4, 523--543.
- 46 *Connections between the geometry of a projective variety and an ample section*, with C. Novelli and G. Occhetta, *Mathematische Nachrichten*, 2006. v. 279, p. 1387-1395.
- 47 *Manifolds polarized by vector bundles*, with Carla Novelli, *Annali di Matematica pura ed applicata*, Springer 2007, (4) 186, p. 281-288.
- 48 *A conjecture of Mukai relating numerical invariants of Fano manifolds*, *Milan Journal of Math.* 77 (2009), 361-383.
- 49 *On the Kummer construction*, with J. Wisniewski, *Revista Matemática Complutense*, 23 (2010), n.1, 191-215.
- 50 *The Problem of Malfatti; Two centuries of debate*, with A. Bezdek and J.P. Boronski, *The Mathematical Intelligencer*, vol 33, n. 1, 2011, 72-76.
- 51 *4-dimensional symplectic contractions*, with J. Wisniewski, preprint: arXiv:1101.4884v1.
- 52 *Minimal Model Program with scaling and Adjunction Theory*, preprint: arXiv:1107.4878v1.