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Publications and Preprints

1. M. Bolognesi, A. Massarenti, E. Poma, *Cox rings of blow-ups of multiprojective spaces*, preprint 2023, (arXiv:2308.11283v1).
2. C. Araujo, A. Corti, A. Massarenti, *Birational geometry of Calabi-Yau pairs and 3-dimensional Cremona transformations*, preprint 2023, (arXiv:2306.00207v2).
3. A. Laface, A. Massarenti, *Ample bodies and Terracini loci of projective varieties*, preprint 2023, (arXiv:2304.07276v1).
4. A. Massarenti, M. Mella, *On the birational geometry of conic bundles over the projective space*, preprint 2021, (arXiv:2110.10057v1).
5. A. Massarenti, M. Mella, *Bronowski's conjecture and the identifiability of projective varieties*, preprint 2022, (arXiv:2210.13524v2).
6. A. Massarenti, *On the unirationality of quadric bundles*, **Advances in Mathematics**, 2023, Vol. 431, 109235, (arXiv:2204.08793v3).
7. A. Massarenti, *Quartic and quintic hypersurfaces with dense rational points*, **Forum of Mathematics, Sigma**, 2023, Vol. 11, e55, 1-21, (arXiv:2212.14626v1).
8. A. Laface, A. Massarenti, R. Rischter, *Decomposition algorithms for tensors and polynomials*, **SIAM Journal on Applied Algebra and Geometry**, 2023, Vol. 7, Issue 1, 264-290, (arXiv:2107.04097v1).
9. A. Casarotti, E. Corniani, A. Massarenti, *Complete singular collineations and quadrics*, 2023, **International Mathematics Research Notices**, 2023, Issue 18, 15370-15407, (arXiv:2111.02940v3).
10. A. Laface, A. Massarenti, R. Rischter, *On secant defectiveness and identifiability of Segre-Veronese varieties*, **Revista Matemática Iberoamericana**, 2022, Vol. 38, N. 5, 1605-1635, (arXiv:2006.02395v3).
11. E. Corniani, A. Massarenti, *Complete symplectic quadrics and Kontsevich spaces of conics in Lagrangian Grassmannians*, **Advances in Mathematics**, 2022, Vol. 397, 108205, (arXiv:2012.13999v2).
12. A. Barbosa Freire, A. Casarotti, A. Massarenti, *On secant dimensions and identifiability of flag varieties*, **Journal of Pure and Applied Algebra**, 2022, Vol. 225, Issue 6, 106969, (arXiv:1912.00788v1).
13. M. Bolognesi, A. Massarenti, *Birational geometry of moduli spaces of configurations of points on the line*, **Algebra & Number Theory**, 2021, Vol. 15, N. 2, 513-544, (arXiv:1702.00068v2).
14. C. Araujo, T. Fassarella, I. Kaur, A. Massarenti, *On automorphisms of moduli spaces of parabolic vector bundles*, **International Mathematics Research Notices**, 2021, Vol. 2021, Issue 3, 2261-2283, (arXiv:1902.04136v1).
15. A. Barbosa Freire, A. Casarotti, A. Massarenti, *On tangential weak defectiveness and identifiability of projective varieties*, **Annali della Scuola Normale Superiore di Pisa, Classe di Scienze**, 2021, Vol. XXII, 1621-1642, (arXiv:2002.09915v3).
16. C. Lozano Huerta, A. Massarenti, *On the weak Lefschetz principle in birational geometry*, **Notices of the**

- American Mathematical Society**, 2021, Vol. 68, N. 1, 47-55, (arXiv:2009.11408v1).
17. A. Massarenti, *On the birational geometry of spaces of complete forms I: collineations and quadrics*, **Proceedings of the London Mathematical Society**, 2020, Vol. 121, Issue 6, 1579-1618, (arXiv:1803.09161v2).
 18. A. Laface, A. Massarenti, R. Rischter, *On Mori chamber and stable base locus decompositions*, **Transactions of the American Mathematical Society**, 2020, Vol. 373, N. 3, 1667-1700, (arXiv:1805.10925v3).
 19. A. Massarenti, *On the birational geometry of spaces of complete forms II: skew-forms*, **Journal of Algebra**, 2020, Vol. 546, 178-200, (arXiv:1803.09011v4).
 20. A. Barbosa Freire, A. Massarenti, R. Rischter, *Projective aspects of the geometry of Lagrangian Grassmannians and Spinor varieties*, **Bulletin des Sciences Mathématiques**, 2020, Vol. 159, 102824-102850, (arXiv:1812.07474v1).
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 23. A. Massarenti, R. Rischter, *Non-secant defectivity via osculating projections*, **Annali della Scuola Normale Superiore di Pisa, Classe di Scienze**, 2019, Vol. XIX, 1-34, (arXiv:1610.09332v1).
 24. A. Casarotti, A. Massarenti, M. Mella, *On Comon's and Strassen's conjectures*, **Mathematics**, 2018, Vol. 6, N. 11, 217, (arXiv:1810.09338v1).
 25. C. Araujo, M. Corrêa, A. Massarenti, *Codimension one Fano distributions on Fano manifolds*, **Communications in Contemporary Mathematics**, 2018, Vol. 20, N. 5, 1750058-1750085, (arXiv:1702.04751v1).
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 27. A. Massarenti, R. Rischter, *Spherical blow-ups of Grassmannians and Mori Dream Spaces*, **Journal of Algebra**, 2018, Vol. 494, 188-219, (arXiv:1705.04972v2).
 28. B. Fantechi, A. Massarenti, *On the rigidity of moduli of weighted pointed stable curves*, **Journal of Pure and Applied Algebra**, 2018, Vol. 222, Issue 10, 3058-3074, (arXiv:1701.05861v1).
 29. A. Massarenti, *On the biregular geometry of the Fulton-MacPherson compactification*, **Advances in Mathematics**, 2017, Vol. 322, 97-131, (arXiv:1603.06991v2).
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 33. C. Araujo, A. Massarenti, *Explicit log Fano structures on blow-ups of projective spaces*, **Proceedings of the London Mathematical Society**, 2016, Vol. 113, Issue 4, 445-473, (arXiv:1505.02460v1).
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37. A. Massarenti, *The automorphism group of $\overline{M}_{g,n}$* , **Journal of the London Mathematical Society**, 2014, Vol. 89, 131-150, (arXiv:1110.1464v1).
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 40. A. Massarenti, E. Raviolo, *The rank of $n \times n$ matrix multiplication is at least $3n^2 - 2\sqrt{2}n^{\frac{3}{2}} - 3n$* , **Linear Algebra and its Applications**, Vol. 438, Issue 11, 2013, 4500-4509, (arXiv:1211.6320v2). Erratum: *The rank of $n \times n$ matrix multiplication is at least $3n^2 - 2\sqrt{2}n^{\frac{3}{2}} - 3n$* (Linear Algebra and Its Applications, 2013, 438:11, 4500-4509), Linear Algebra and Its Applications, Vol. 445, 369-371.
 41. S. Marchesi, A. Massarenti, S. Tafazolian, *Covered by lines and conic connected varieties*, **Le Matematiche**, Vol. LXVI, 2011, Fasc. II, 137-151, (arXiv:1105.5918v2), (Pragmatic 2010).