

LISTĂ DE LUCRĂRI

FLORIN AMBRO

Teza de doctorat

The adjunction conjecture and its applications, Johns Hopkins University, Baltimore USA (1999)

Capitole publicate în volume colective

1. *Basic properties of log canonical centers*, in *Classification of Algebraic Varieties*, C. Faber, G. van der Geer, E. Looijenga (Ed.), EMS Series of Congress Reports, 2011, vol. 3, pp 38 – 48 (ISBN 978-3-03719-007-4)

2. *Non-klt techniques*, in *Flips for 3-folds and 4-folds*, A. Corti (Ed.), Oxford Lecture Ser. Math. Appl., 35, Oxford Univ. Press, Oxford, 2007, pp 163 – 170 (ISBN 978-0-19-857061-5)

3. *Quasi-log varieties*, in *Birational Geometry: Linear systems and finitely generated algebras: Collected papers*. Iskovskikh, V.A. and Shokurov, V.V. (Ed.), Proc. V.A. Steklov Inst. Math. 240 (2003), pp. 220 – 239 (ISBN 5-02-002870-3)

Articole publicate în reviste de specialitate recunoscute

1. *Variation of log canonical thresholds in linear systems*, Int. Math. Res. Notices 14 (2016), pp. 4418 – 4448

2. *On representations by Egyptian fractions*, (Joint with M. Barcău) Rev. Roum. Math. Pures et Appl. 60(3) (2015), pp. 331 – 336

3. *An injectivity theorem*, Compos. Math. 150(06) (2014), pp. 999 – 1023

4. *Asymptotically saturated toric algebras*, Tohoku Math. J., 59(1) (2007), pp. 39 – 55

5. *The set of toric minimal log discrepancies*, Cent. Eur. J. Math, 4(2) (2006), pp. 1 – 13

6. *Restrictions of log canonical algebras of general type*, J. Math. Sci. Univ. Tokyo, 13(3) (2006), pp. 409 – 437
7. *A semiampness criterion*, J. Math. Sci. Univ. Tokyo, 12(3) (2005), pp. 445 – 466
8. *The moduli b -divisor of an lc-trivial fibration*, Compos. Math. 141(2) (2005), pp. 385 – 403
9. *Nef dimension of minimal models*, Math. Ann. 330(2) (2004), pp. 309 – 322
10. *Shokurov's boundary property*, J. Differential Geometry 67(2) (2004), pp. 229 – 255
11. *Inversion of adjunction for non-degenerate hypersurfaces*, Manuscripta Math. 111(1) (2003), pp. 43 – 49
12. *On minimal log discrepancies*, Math. Res. Lett., 6(5-6) (1999), pp. 573 – 580
13. *Ladders on Fano varieties*, J. Math. Sci, 94:1 (1999), pp. 1126 – 1135

Articole apărute în volumele unor conferințe internaționale

1. *On toric face rings I*, to appear in *Edge volume, part II*, F. Bogomolov and I. Cheltsov (Ed.), European J. Math. (2018)
2. *On toric face rings II*, to appear in *Multigraded Algebra and Applications*, V. Ene and E. Miller (Ed.), Springer Proceedings in Mathematics & Statistics (2018)
3. *Cyclic covers and toroidal embeddings*, in Spitsbergen volume, F. Bogomolov et al (Ed.), Eur. J. Math. 2(1) (2016), pp. 9 – 44
4. *On the classification of toric singularities*, in Proceedings of the Conference on Combinatorial Commutative Algebra and Computer Algebra (Mangalia 2008), V. Ene and E. Miller (Ed.), Contemporary Mathematics 502 (2009), pp. 1 – 4
5. *Recent advances in the theory of minimal models*, in Proceedings of the ICTAMI Conference (Alba Iulia 2007), D. Breaz (Ed.), Acta Universitatis Apulensis 15 (2008), pp. 9 – 17
6. *The minimal log discrepancy*, in Proceedings of the Symposium “Multiplier ideals and arc spaces” (RIMS 2006), K. Watanabe (Ed.), RIMS Koukyuuroku 1550, pp. 121 – 130

7. *Toric FGA algebras*, in Proceedings of Algebraic Geometry Symposium (Kinosaki 2005), A. Ishii (Ed.), pp. 15 – 18

8. *The nef dimension of log minimal models*, in Proceedings of the Symposium on Hodge Theory, Degeneration and Complex Surfaces, Tagajo (2004), S. Usui (Ed.), pp. 272 – 283

9. *On the semi-continuity of minimal log discrepancies*, in Proceedings of Algebraic Geometry Symposium (Kinosaki 2000), K. Ohno (Ed.), pp. 191 – 195

Prepublicații

1. *An injectivity theorem II* (2018), preprint arXiv:1804.06337

2. *Minimal models of semi-log-canonical pairs* (2017), (Joint with J. Kollár) preprint arXiv:1709.03540

3. *Notes after Shokurov's pl-flips* (2001), <http://www.imar.ro/~fambro>

4. *The locus of log canonical singularities* (1998), math.AG/9806067



