Curriculum Vitae
Domenico Labbate

Assistant professor	Date of Birth	January 16, 1968
	Citizenship	Italian
	Marital status	Married
Università degli Studi della Basilicata	Office:	+39 (0971) 205840
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Professional Experience:

- Assistant professor, Università degli Studi della Basilicata - Faculty of Science, Potenza (Italy), December 23rd 2011 – present.

- Assistant professor, Politecnico di Bari - 2nd Faculty of Engineering, Taranto (Italy), November 1st 2001 – December 22nd 2011.

- Adjunct, Università degli Studi della Basilicata, Faculty of Science, Potenza (Italy), 2003 – 2011 (spring term).

- Visiting professor (Research and Teaching), Department of Mathematical Sciences, Florida Atlantic University, Boca Raton, Florida (U.S.A.), January – May 2002.

- Postdoctoral Research Assistant position in Discrete Mathematics and Graph Theory, Department of Mathematics, Faculty of Science, Università degli Studi della Basilicata – Potenza (Italy), October 1999 – October 2001.

- Wissenschaftlicher Mitarbeiter (Research and Teaching Assistant), Mathematisches Institut, Universität Erlangen–Nürnberg (Germany), March – August 1998.

- Adjunct, Politecnico di Torino, Faculty of Engineering for FIAT-SATA, Melfi (Potenza – Italy), July 1997 – January 1998, June – July 1999.

- Adjunct, Università degli Studi della Basilicata, Faculties of Science and Engineering, Potenza (Italy), 1994–1999.

- Substitute teacher and member of final exams committee (esame di stato), High Schools (Italy), 1992–1995.

Education:

- Italian habilitation as Associate Professor (2013).

- Ph.D. (Dr. Rer. Nat.) Universität von Erlangen–Nürberg (Germany), Mathematics, Awarded November 1998.
  Thesis Title: Charakterisierungen minimal 1–faktorisierbarer r–regulärer Bigraphen (Characterizing minimally 1–factorable r–regular bipartite graphs).
  Thesis Advisor(s): Prof. Karl Strambach, Prof. Martin Funk.

- Habilitation (rank of a high school teacher), "Mathematics" and "Mathematics and Physics", Italian high school, June 2000.

- Laurea (equivalent M.Sc.), Faculty of Science, Università degli Studi della Basilicata–Potenza (Italy), Mathematics, Awarded November 1991.
  Thesis Title: Project and realization of an informative system via the DBMS ORACLE relational database.

Research Interests:

Graph Theory, Combinatorics, Finite Geometry.

Honors, Awards and Grants:

- Member of the granted research project *Proyecto CONACyT (Consejo Nacional de Ciencia y Tecnologa) 178395 "Jaulas regulares y biregulares"*. UNAM (Universidad Nacional Autonoma de Mexico) from 01.01.2013 until 31.12.2015.

- Member of the granted research project *Programa de Apoyo a Proyectos de Investigacin e Innovacin Tecnolgica (PAPIIT)- titled: Geometra y grficas. Proyecto IN101912*, UNAM (Universidad Nacional Autnoma de Mxico) from 01.01.2012 until 31.12.2014.

- Italian Ministry for University and Research Grant, within the Italian research project *Geometric structures, Combinatorics and their Applications*, 1999 – 2001, 2001 – 2003, 2003 – 2005, 2005 – 2007, 2008–2011, 2012–1015.

- Provincy of Taranto (Italy), Research Grants, 2008, 2009, 2010, 2011.

- Intensive School in Finite Geometry scholarship, *Socrates Intensive Course on Finite Geometry and its Applications*, University of Ghent (Belgium), April 3 − 14, 2000.

- Istituto Italiano degli Studi Filosofici (Italian institute for philosophical studies) scholarship, *Fundamental problems in geometry: the Erlangen program* school, Potenza (Italy), October 1996.

- 1993, 1995, 1997, 1999, 2003, 2005: Scholarship to attend Summer schools in Combinatorial geometries, Potenza (Italy).

- I.N.D.A.M. (National institute for High Mathematics) scholarship, *C.E.M. (Mathematical summer course) school in Mathematics*, organized by *Scuola Normale Superiore of Pisa*, Perugia (Italy), July – August 1992.

- ERASMUS (universities exchange program) and European Union scholarships, undergraduate studies, University of St. Andrews (Scotland – U.K.), September – December 1989, September 1990, January –April 1991.

Invited Presentations and Research Visits

- Research in Graph Theory with Prof. C. Balbuena, Departamento de Matematica Aplicada III, Universitat Politècnica de Catalunya, Barcelona (Spain), October 27 – 31, 2014.

- *Keynote speaker (Invited speaker)*, Techniques for Constructing Small Regular Graphs of Given Girth and Related Topics, **IWONT 2014**, Bratislava June 30 – July 4, 2014.

- Research in Graph Theory with Prof. T. Kaiser, Department of Mathematics, University of West Bohemia – Pilsen (Czech Republic), June 22 – 29, 2014.

- Research in Graph Theory with Prof. C. Balbuena, Departamento de Matematica Aplicada III, Universitat Politècnica de Catalunya, Barcelona (Spain), May 7 – 14, 2014.

- Invited for seminars and research in Graph Theory and Combinatorics, Departamento de Matematicas Puras Applicadas, Universidad Simón Bolívar, Caracas (Venezuela), 8–24 Febrary, 2014.

- Research in Graph Theory with Prof. C. Balbuena, Departamento de Matematica Aplicada III, Universitat Politècnica de Catalunya, Barcelona (Spain), June 2 – 9, 2013.

- Invited (2012) to be *Invited speaker (Lecturer)*, Symposium on Cages, Queretaro (Mexico), (date and conference to be determined when and if funded by NSF–USA).

- 20th December 2012: Committee (membre del Tribunal), PhD in Applied Mathematics, Universitat Politècnica de Catalunya, Barcelona (Spain). dr. Julian Salas's PhD Thesis Discussion.

- Research in Graph Theory with Prof. C. Balbuena, Departamento de Matematica Aplicada III, Universitat Politècnica de Catalunya, Barcelona (Spain), May 30 – June 6, 2012.

- Research in Graph Theory with Prof. C. Balbuena, Departamento de Matematica Aplicada III, Universitat Politècnica de Catalunya, Barcelona (Spain), 22 – 29 May, 2011.

- *2–factors of regular graphs* seminars and research in Graph Theory and Combinatorics, Departamento de Matematicas Puras Applicadas, Universidad Simón Bolívar, Caracas (Venezuela), 4–24 March, 2011.

- 2-*fattori di grafi regolari (2–factors of regular graphs)*, **Seminario di Combinatoria – Dipartimento di Matematica "G. Castelnuovo", Università la Sapienza**, Roma (Italia), and research in Graph Theory invited by Prof. D. Ghinelli, December 13 – 17, 2010.

- *Classes of* 2-*factor isomorphic regular graphs*, **Fourth Pythagorean Conference**, Corfu (Greece), by invitation, May 30 – June 4, 2010.

- Research in Graph Theory with Prof. C. Balbuena, Departamento de Matematica Aplicada III, Universitat Politècnica de Catalunya, Barcelona (Spain), 9 – 16 May, 2010.

- *Strongly pseudo 2–factor isomorphic regular graphs and snarks*, **Cryptology, Designs and Finite Groups 2009 - In Honor of Spyros Magliveras' 70th Birthday**, Deerfield Beach (Florida - U.S.A.) by invitation, May 17–22, 2009.

- Research in Graph Theory with Prof. C. Balbuena, Departamento de Matematica Aplicada III, Universitat Politècnica de Catalunya, Barcelona (Spain), April 27 – May 1, 2009.

- Research in Graph Theory with Prof. Stephen C. Locke, Department of Mathematical Sciences, Florida Atlantic University, Boca Raton, Florida (U.S.A.), March 19–31, 2008.

- Research in Graph Theory and Combinatorics, Departamento de Matematicas Puras y Applicadas, Universidad Simón Bolívar, Caracas (Venezuela), March 27 - April 15, 2007.

- *2–factors of regular graphs and configuration graphs*, Annual meeting of the Italian research project *Geometric structures, combinatorics and their Applications*, Caserta (Italy), February $1 - 2$, 2007.

- Research in Graph Theory with Prof. Stephen C. Locke, Department of Mathematical Sciences, Florida Atlantic University, Boca Raton, Florida (U.S.A.), August 4–26, 2006.

- *2–factors of regular bipartite graphs*, Annual meeting of the Italian research project *Geometric structures, combinatorics and their Applications*, Messina (Italy), $10 - 15$, 2005.

- *Graphs and digraphs with all 2–factors isomorphic* **Graph Theory 2004. A Conference in Memory of Claude Berge**, Paris (France), conference and contributed talk by invitation, July 5–9, 2004.

- Research in Graph Theory with Prof. Bill Jackson, School of Mathematical Sciences, Queen Mary College, London (U.K.), September 14–21, 2003.

- *Regular graphs with all 2–factor isomorphic*, **3rd Pythagorean Conference, Rhodes (Greece)**, by invitation, June 1–7, 2003.

- *Minimally 1-factorable Graphs*, **Graph Theory and Combinatorics Colloquium**, Department of Mathematical Sciences, Florida Atlantic University, Boca Raton, Florida (U.S.A.), March 21, 2001.

- *2–factor Hamiltonian Graphs*, **Graph Theory and Combinatorics Colloquium**, Department of Mathematical Sciences, Florida Atlantic University, Boca Raton, Florida (U.S.A.), September 7, 2000.

- Research in Graph Theory with Prof. Bill Jackson, Department of Mathematical and Computing Sciences, Goldsmith College, London (U.K.), July 16–30, 2000.

- *1-Factorization and Hamiltonicity of a Graphs*, invited talk, 2nd Workshop in **Advanced Special Functions and Integration Methods**, Melfi (PZ) – Italy, June 18 – 23, 2000.

- *Permutation groups*, Intensive School in Finite Geometry, **Socrates Intensive Course on Finite Geometry and its Applications**, University of Basilicata – Potenza (Italy), June 8 − 18, 1999.

- *Algebraic invariants of r–regular graphs*, Workshop **Algebraische Tag (algebraic day)**, University of Würzburg (Germany), July 7, 1998.

- *Minimally one-factorable cubic bipartite graphs*, University of Erlangen–Nürnberg (Germany), **Combinatorics day**, December 13, 1996.

- Moreover, he took part often with contributed talks to more than 50 conferences, workshops and summer schools worldwide.

Student supervision:

- External supervisor, dr. J. Salas, PhD in Applied Mathematics, Universitat Politècnica de Catalunya, in the period he spent at the Università degli studi della Basilicata, Potenza (Italy), March–May 2012.

- Supervision of several Laurea (equivalent M.Sc) thesis in Mathematics (Graph Theory), Università degli Studi della Basilicata, Potenza (Italy), 2011–2013.

- Supervision of a Laurea (equivalent M.Sc) thesis in Mathematics (Graph Theory), Università la Sapienza, Roma (Italy), 2010.

- Supervision of a Laurea (equivalent M.Sc) thesis in Mathematics (Finite Geometry), Università degli Studi della Basilicata, Potenza (Italy), 1999.

Teaching Experience:

- Università degli Studi della Basilicata, Potenza (Italy):

  Geometry I, B.Sc. Mathematics, Department of Mathematics, Computer science and Economics, academical year 2013–2014, 2014–2016.

  Graph Theory, Ph.D. in Mathematics, Spring 2015.

  Mathematics I, B.Sc. Chemistry and Geological Science, Department of Science, Fall 2013, 2014, 2015.

  Graph Theory, International Ph.D. in Mathematics, Spring 2008 − 2013.

  Graph Theory, M.Sc. Mathematics and Computer Science, Department of Mathematics, Computer science and Economics, Spring 2003–2013, 2015.

  Graph Theory, B.Sc. Mathematics and Computer Science, Department of Mathematics, Computer science and Economics, Spring 2003–2013, 2015.

  Fundament of Mathematics, B.Sc. Pharmacy, Department of Science, Fall and Spring 2012 – 2013.

  Linear Algebra and Geometry, Faculty of Engineering (Matera), Fall 1995 – 1999.

  Biomathematics, Faculty of agricultural enviroment, Fall 1994.

- Politecnico di Bari, 2nd Faculty of Engineering, Taranto (Italy):

  Linear Algebra and Geometry, Fall 2001 − 2011.

  Elements of Linear Algebra and Geometry, Fall 2002 − 2009.

  Complements of Linear Algebra and Geometry, Fall 2002 − 2009.

- Florida Atlantic University, Boca Raton, Florida (U.S.A.):

  Precalculus, College of Science, Spring 2002.

- Universität von Erlangen – Nürnberg, Erlangen (Germany):

  Funktiontheorie I (Complex Analysis), Faculty of Science, Spring and Summer 1998.

- Politecnico di Torino, Faculty of Engineering FIAT–SATA, Melfi (Italy):

  Numerical Analysis, Spring 1999.

  Calculus II, Fall 1997.

  Calculus I, Fall 1997.

Professional service:

- Referee for *European Journal of Combinatorics*, *Journal of Graph Theory*, *Electronic Journal of Combinatorics*, *Discrete Mathematics*, *Discrete Applied Mathematics*, *Journal of Combinatorial Designs*, *Annals of Combinatorics*, *Discrete Mathematics and Theoretical Computer Science*, *International Journal of Computer Mathematics*, *Contributions to Discrete Mathematics* et al., and for the *AMS Mathematical Reviews (MathSciNet)*.

- 20th December 2012: Committee (membre del Tribunal), PhD in Applied Mathematics, Universitat Politècnica de Catalunya, Barcelona (Spain). dr. Julian Salas's PhD Thesis Discussion.

- Tutor, PhD students, International PhD in Mathematics, *International Doctoral Seminar J'anos Bolyai*, organized by University of Szeged (Ungary) and Università degli Studi della Basilicata - Potenza (Italy), with the cooperation of Seconda Università degli Studi di Napoli (Italy) and Università degli Studi di Perugia (Italy).

- Anonymous referee, committee for tenure track positions, Universidad Nacional Autonoma de Mexico (UNAM) , 2011.

- Program Committee e reviewer del *The International Conference on Computational Science and Its Applications (ICCSA 2009–2011)*.

- Member, Department of Mathematics, Computer science and Economics Council, Università degli Studi della Basilicata, Potenza (Italy), 2012 – present.

- Member, Faculty of Science Council, Università degli Studi della Basilicata, Potenza (Italy), 23.12.2011 – 2012.

- Member, 2nd Faculty of Engineering Council, Politecnico di Bari (Italy), 2001 – 22.12.2011.

- Committee member, courses schedule, 2nd Faculty of Engineering, Politecnico di Bari (Italy), 2001 – 2009.

- Committee member, student elections, 2nd Faculty of Engineering, Politecnico di Bari (Italy), 2005.

- Committee member, *Civil and Enviromental Engineering* program, 2nd Faculty of Engineering, Politecnico di Bari (Italy), 2001–2005, 2007 – 2009.

- Committee member, *Industrial Engineering* program, 2nd Faculty of Engineering, Politecnico di Bari (Italy), 2005 – 2007, 2009–present.

- Organizer, *Summer School on Combinatorial Geometries* Giuseppe Tallini *"Graphs, Cryptology and Finite Geometries"*, Università degli Studi della Basilicata Basilicata – Potenza (Italy), September 2005.

- Organizer, *Socrates Intensive Course on Finite Geometry and its Applications*, Università degli studi della Basilicata – Potenza (Italy), July 1999.

- Member Italian research project *Geometric structures, Combinatorics and their Applications*.

- Member I.C.A. (Institute of Combinatorics and its Applications), U.M.I. (Italian Mathematical Society), G.N.S.A.G.A. (Italian research group for the algebraic and geometric structures and their applications).

Publications:

1. D. Labbate, Una soluzione per il problema multicentro. Quaderni del Dipartimento di Matematica - Potenza, 1, (1995).

2. D. Labbate. Charakterisierungen minimal 1–faktorisierbarer r–regulärer Bigraphen. PhD Thesis published by Universität von Erlangen-Nürnberg (Germany), 1998; DIS-Lab 1998.

3. D. Labbate. 1–factorization of r–regular bipartite graphs. 5th Workshop on Combinatorics (Messina 1999). Rend. Sem. Mat. Messina Ser. II, 5 (21), (2000), suppl., 65–74.

4. M.Funk, D. Labbate. Minimally One–Factorable r-Regular Bipartite Graphs. Discrete Math. 216, (2000), no. 1–3, 121–137.

5. D. Labbate. On Determinants and Permanents of Minimally 1–Factorable Cubic Bipartite Graphs. Note Mat. 20, (2000/1), no. 1, 37–42.

6. A. Cossidente, D. Labbate, A. Siciliano. Veronese Varieties over Finite Fields and their Projections. Des. Codes Cryptogr. 22, 19–32, no.1, (2001).

7. D. Labbate. On 3–Cut Reductions of Minimally 1-Factorable Cubic Bigraphs. Discrete Math. 231, (2001), no.1, 303–310.

8. A. Cossidente, D. Labbate. On the configuration 8_3. Bull. Inst. Combin. Appl. 32, (2001), 17–22.

9. A. Cossidente, M.Funk, D. Labbate. Graphs Arising from Mixed Partition of $PG(5,q)$. Bull. Inst. Combin. Appl. 33, (2001), 57–67.

10. A. Bonisoli, D. Labbate. One-Factorizations of Complete Graphs with vertex–regular automorphism groups. J. Combin. Des. 10, (2002), no. 1, 1–16.

11. D. Labbate. Characterizing Minimally 1–factorable r–Regular Bipartite Graphs, Discrete Math. 248, (2002), no. 1–3, 109–123.

12. M. Funk, B. Jackson, D. Labbate, J. Sheehan. 2–Factor Hamiltonian Graphs. Dedicated to Crispin St. J. A. Nash–Williams. J. Combin. Th. Ser. B, 87, (2003), no.1, 138–144.

13. M. Funk, B. Jackson, D. Labbate, J. Sheehan. Det–extremal cubic bipartite graphs. J. Graph Theory, 44, (2003), no. 1, 50–64.

14. D. Labbate. Some properties of the Heawood graph. Rend. Sem. Mat. Messina Ser. II (2003), no. 9 (25), 133–139.

15. D. Labbate. Amalgams of cubic bipartite graphs. Des. Codes Cryptogr., 32 (2004), no. 1–3, 267–275.

16. R. Aldred, M. Funk, B. Jackson, D. Labbate, J. Sheehan. Regular bipartite graphs with all 2-factors isomorphic. J. Combin. Th. Ser. B, 92, (2004), no. 1, 151–161.

17. M. Abreu, R. Aldred, M. Funk, B. Jackson, D. Labbate, J. Sheehan. Graphs and digraphs with all 2–factors isomorphic. J. Combin. Th. Ser. B, 92, (2004), no. 2, 395–404, Special Issue Dedicated to Professor W.T. Tutte.

18. M. Abreu, D. Labbate, S.C. Locke. 6–path connectivity and 6–generation. Discrete Math., 301, (2005), no.1, 20–27.

19. M. Abreu, M. Funk, D. Labbate, V. Napolitano. On (minimal) regular graphs of girth 6. Australas. J. Combin. 35, (2006), 119–132.

20. M. Abreu, D. Labbate, S.C. Locke, H.J. Voss. Cohesive graphs (preprint 2007).

21. M. Abreu, M. Funk, D. Labbate, V. Napolitano. A family of regular graphs of girth 5. Discrete Math., 308, (2008), n. 10, 1810–1815.

22. M. Abreu, A.A. Diwan, B. Jackson, D. Labbate, J. Sheehan. Pseudo 2–factor isomorphic bipartite graphs. J. of Combin. Th. Ser. B, 98, (2008), no. 2, 432–442. DOI: 10.1016/j.jctb.2007.08.006

23. M. Abreu, M. Funk, D. Labbate, V. Napolitano. Configuration graphs of neighborhood geometries. Contributions to Discrete Mathematics, Volume 3 (2008), Number 1, Pages 109–122.

24. M. Abreu, M. Funk, D. Labbate, V. Napolitano. A $(0,1)$–matrix framework for elliptic semiplanes. Ars Combinatoria, vol. 88 (2008), 175-191.

25. M. Abreu, R.Aldred, M.Funk, B.Jackson, D.Labbate, J.Sheehan. Corrigendum to "Graphs and digraphs with all 2–factors isomorphic" [J. of Comb. Th. Ser. B **92** (2) (2004) 395–404]. J. of Comb. Th. Ser. B, 99, (2009), no. 1, 271–273.

26. M. Funk, D. Labbate, V. Napolitano. Tactical decompositions of symmetric configurations. Discrete Mathematics Volume 309, Issue 4, (2009), 741–747.

27. M. Abreu, D. Labbate, R. Salvi, N. Zagaglia Salvi. Highly symmetric generalized circulant permutation matrices. Linear Algebra and its Application, Volume 429, (2008), Issue 1, 367–375.

28. M. Abreu, C. Balbuena, D. Labbate. Adjacency matrices of polarity graphs and C_4–free graphs of large size. Des. Codes Cryptogr., 55 (2010), n. 2–3, 221–233.

29. M. Abreu, M. Funk, D. Labbate, V. Napolitano. Deletions, extensions and reductions of elliptic semiplanes. Innovation in Incidence Geometry, 11 (2010), 139–155.

30. D. Labbate. 2–fattori di grafi regolari. Quaderni Elettronici del Seminario di Geometria Combinatoria, Università la Sapienza (Roma), vol. 26E (2011).

31. M. Abreu, G. Araujo–Pardo, C. Balbuena, D. Labbate. An explicit formula for obtaining $(q + 1, 8)$–cages and others small regular graphs of girth 8. Preprint 2011, arXiv:1111.3279v1.

32. M. Abreu, G. Araujo–Pardo, C. Balbuena, D. Labbate. Una fórmula explícita para obtener cuadrángulos generalizados y otros grafos pequeños de cintura 8. "Avances en Matemática Discreta en Andalucía: volumen II: VII Encuentro Andaluz de Matemática Discreta: Carmona (Sevilla), 7 y 8 de noviembre de 2011". Carmona, Sevilla: Universidad de Almera, (2011), p. 137-143. http://hdl.handle.net/2117/14678. E–print UPC AL 885-2011. ISBN: 987-84-694-5627-9.

33. M. Abreu, D. Labbate, J. Sheehan. Irreducible pseudo 2–factor isomorphic cubic bipartite graphs. Des. Codes Cryptogr. (2012), 64, 153-160.

34. M. Abreu, D. Labbate, J. Sheehan. Pseudo and strongly pseudo 2–factor isomorphic regular bipartite graphs. European J. Combin., vol 33 (2012), n.1, 1847–1856.

35. M. Abreu, G. Araujo–Pardo, C. Balbuena, D. Labbate. Families of Small Regular Graphs of Girth 5. Discrete Math. 312 (2012), no. 18, 2832-2842.

36. M. Abreu, M. Funk, D. Labbate, V. Napolitano. Invariant Adjacency Matrices of Configuration graphs. Linear Algebra Appl. 437 (2012), no. 8, 2026-2037.

37. M. Abreu, D. Labbate. 2–factors of regular graphs: a survey. Quaderni di Matematica, vol. 28 (2012), 21–38.

38. M. Abreu, M. Funk, D. Labbate, V. Napolitano. Revisiting constructions of v_k configurations. Quaderni di Matematica, vol. 28 (2012), 1–20.

39. M. Abreu, D. Labbate, R. Rizzi, J. Sheehan. A counterexample to the odd 2–factor snarks conjecture. Extended Abstract. Electronic notes in Discrete Mathematics, vol. 40 (2013), pp. 205–210.

40. M. Abreu, G. Araujo-Pardo, C. Balbuena, D. Labbate, G. Lopez-Chavez. Construction of Biregular cages of girth 5. Extended Abstract. Electronic notes in Discrete Mathematics, vol. 40 (2013), pp 9–14.

41. M. Abreu, G. Araujo–Pardo, C. Balbuena, D. Labbate, J.Salas. Families of Small Regular Graphs of Girth 7. Extended Abstract. Electronic notes in Discrete Mathematics, vol. 40 (2013), pp. 341–345.

42. M. Abreu, M. Funk, D. Labbate, V. Napolitano. On the ubiquity and utility of cyclic schemes. Australas. J. Combin., Volume 55 (2013), Pages 95-120.

43. M. Abreu, G. Araujo–Pardo, C. Balbuena, D. Labbate, G. López–Chávez. Biregular cages of girth five. Preprint 2012, arXiv:1211.0910v1, Electron. J. Combin. 20 (2013), no. 1, Paper 71, 14 pp.

44. M. Abreu, D. Labbate, R. Rizzi, J. Sheehan. Odd 2–factored snarks. European J. of Combin., 36 (2014), 460–472.

45. M. Abreu, G. Araujo–Pardo, C. Balbuena, D. Labbate, J.Salas. Small Regular Graphs of Girth 7. Electron. J. Combin. 22 (2015), no. 3, Paper 3.5, 16 pp.

46. M. Abreu, G. Araujo–Pardo, C. Balbuena, D. Labbate. A construction of small $(q-1)$–regular graphs of girth 8. Electron. J. Combin. 22 (2015), no. 2, Paper 2.10, 8 pp.

47. M. Abreu, G. Araujo–Pardo, C. Balbuena, D. Labbate. A formulation of a $(q+1,8)$–cage. Preprint 2015, arXiv:1501.02448 (submitted).

48. M. Abreu, D. Labbate, J. Sheehan. Even orientations of graphs: Part I. Preprint 2015, arXiv:1501.02437 (submitted).

49. M. Abreu, D. Labbate, J. Sheehan. Even orientations and Pfaffian graphs. (submitted).

50. M. Abreu, D. Labbate, J. Sheehan. Even orientations of graphs: Part II. (submitted).

51. M. Abreu, T.Kaiser, D. Labbate, G.Mazzuoccolo . Tree–like snarks (submitted).