

Mauro Carfora

Departmento di Fisica,
Università degli Studi di Pavia
Via Bassi 6, 27100
Pavia

Publications

• Preprints

1. Carfora Mauro (2014). *Einstein Constraints and Ricci Flow*. Invited Chapter in “Aspects of Mathematical Relativity” Proceedings of the Summer School “Mathematical General Relativity in Cortona” organized by MSRI, Berkeley, Indam (SNS) and Clay Institute , Cortona (July 29-August 9, 2013). MSRI Publications Series Volume Cambridge Univ. Press.
2. Carfora Mauro (2014). *The Wasserstein geometry of non-linear sigma models and the Hamilton-Perelman Ricci flow*. Preprint (94 pp.) [arXiv:1405.0827](https://arxiv.org/abs/1405.0827). (To appear in Rev. Math. Phys.)
3. Carfora Mauro, Marzuoli Annalisa (2012). Quantum Triangulations: Moduli spaces, Strings, and Quantum computing. vol. 845, BERLIN HEIDELBERG: Springer Verlag- Lecture Notes in Physics, **2nd Edition** (2016)

• Monographs

1. Carfora Mauro, Marzuoli Annalisa (2012). Quantum Triangulations: Moduli spaces, Strings, and Quantum computing. vol. 845, BERLIN HEIDELBERG: Springer Verlag- Lecture Notes in Physics, ISBN: 9783642244391, doi: 10.1007/978-3-642-24440-7
2. AMBJORN J, CARFORA M, MARZUOLI A (1997). The Geometry of Dynamical Triangulations. vol. 50, p. 1-197, BERLIN HEIDELBERG:Springer Verlag- Lecture Notes in Physics, ISBN: 9783540633303, doi: 10.1007/978-3-540-69427-4
3. G.F.R. Ellis, R. M. Williams, M. Carfora (Illustrator) (1988). Flat and Curved Space-Times. OXFORD:Oxford University Press, ISBN: 0198511647

• Research Papers

1. Buchert T., Carfora M., Ellis G.F.R., Kolb E.W., Maccallum M.A.H., Ostrowski J.J., Räsänen S., Roukema B.F., Andersson L., Coley A.A., Wiltshire D.L. (2015). Is there proof that backreaction of inhomogeneities is irrelevant in cosmology?. CLASSICAL AND QUANTUM GRAVITY, vol. 32, ISSN: 0264-9381, doi: 10.1088/0264-9381/32/21/215021
2. Carfora Mauro, Marzuoli Annalisa (2015). Dilatonic non-linear sigma models and Ricci flow extensions. IL NUOVO CIMENTO C, vol. 38, p. 157-171, ISSN: 2037-4909
3. CARFORA M (2011). Ricci flow conjugated initial data sets for Einstein equations.. ADVANCES IN THEORETICAL AND MATHEMATICAL PHYSICS, vol. 15, p. 1411-1484, ISSN: 1095-0761
4. Carfora Mauro (2010). Renormalization group and the Ricci flow. MILAN JOURNAL OF MATHEMATICS, vol. 78, p. 319-353, ISSN: 1424-9286, doi: 10.1007/s00032-010-0110-y
5. M. Carfora (2009). Geometry, symmetry and quantum gravity. RENDICONTI. CLASSE DI SCIENZE MATEMATICHE E NATURALI, vol. 143, p. 139-156, ISSN: 1974-6989

6. Carfora Mauro, Marzuoli Annalisa, Rasetti Mario (2009). Quantum Tetrahedra. JOURNAL OF PHYSICAL CHEMISTRY. A, MOLECULES, SPECTROSCOPY, KINETICS, ENVIRONMENT, & GENERAL THEORY, vol. 113, ISSN: 1089-5639, doi: 10.1021/jp909824h
7. Mauro Carfora (2009). Quantum fluctuations and geometry: from graph counting to Ricci flow. REPORTS ON MATHEMATICAL PHYSICS, vol. 64, p. 185-203, ISSN: 0034-4877
8. Carfora Mauro (2009). The Conjugate Linearized Ricci Flow on Closed 3-Manifolds. ANNALI DELLA SCUOLA NORMALE SUPERIORE DI PISA. CLASSE DI SCIENZE, vol. Vol. VIII, p. 1-44, ISSN: 0391-173X
9. Buchert Thomas, Carfora Mauro (2008). On the curvature of the present-day universe. CLASSICAL AND QUANTUM GRAVITY, vol. 25, p. 1-35, ISSN: 0264-9381, doi: doi:10.1088/0264-9381/25/19/195001
10. Carfora Mauro, Gili Valeria Lucia, Dappiaggi Claudio (2007). Boundary Conformal Field Theory and Ribbon Graphs: A Tool for open/closed string dualities. JOURNAL OF HIGH ENERGY PHYSICS, vol. 7, ISSN: 1029-8479
11. M. CARFORA, DAPPIAGGI C, GILI V. L (2007). Boundary Conformal Field Theory and Ribbon Graphs: A Tool for open/closed string dualities.. JOURNAL OF HIGH ENERGY PHYSICS, vol. 07, ISSN: 1126-6708, doi: 10.1088/1126-6708/2007/07/021
12. Carfora Mauro (2007). Fokker-Planck Dynamics and Entropies for the normalized Ricci Flow. ADVANCES IN THEORETICAL AND MATHEMATICAL PHYSICS, vol. 11, p. 635-681, ISSN: 1095-0761
13. Carfora Mauro, Dappiaggi Claudio, Gili Valeria Lucia (2006). Triangulated surfaces in Twistor space: a kinematical set up for Open/Close String Duality. JOURNAL OF HIGH ENERGY PHYSICS, vol. 12, p. 017-052, ISSN: 1029-8479, doi: 10.1088/1126-6708/2006/12/017
14. M. CARFORA (2004). Discretized Gravity and the SU(2) WZW model. CLASSICAL AND QUANTUM GRAVITY, vol. 21, p. S109-S126, ISSN: 0264-9381
15. Carfora Mauro (2004). Discretized Gravity and the SU(2) Wess-Zumino-Witten model. CLASSICAL AND QUANTUM GRAVITY, vol. 21, ISSN: 0264-9381
16. Arcioni G., Carfora Mauro, Dappiaggi Claudio, Marzuoli Annalisa (2004). The WZW model on Random Regge Triangulations. JOURNAL OF GEOMETRY AND PHYSICS, ISSN: 0393-0440
17. T. BUCHERT, M. CARFORA (2003). Cosmological Parameters are dressed. PHYSICAL REVIEW LETTERS, vol. 90, p. 031101-1,4, ISSN: 0031-9007
18. Carfora Mauro, Marzuoli Annalisa (2002). Conformal modes in simplicial quantum gravity and the Weil-Petersson volume of moduli space. ADVANCES IN THEORETICAL AND MATHEMATICAL PHYSICS, vol. 6, p. 357-401, ISSN: 1095-0761
19. Arcioni G., Carfora Mauro, Marzuoli Annalisa, M. O'Loughlin (2002). Implementing holographic projections in Ponzano-Regge gravity. NUCLEAR PHYSICS. B, vol. B619, p. 690-708, ISSN: 0550-3213
20. CARFORA M., CARBONE G., MARZUOLI A. (2002). Quantum states of elementary three-geometry. CLASSICAL AND QUANTUM GRAVITY, vol. 19, p. 3761-3774, ISSN: 0264-9381
21. T. BUCHERT, M. CARFORA (2002). Regional averaging and scaling in relativistic cosmology. CLASSICAL AND QUANTUM GRAVITY, vol. 19, p. 6109-6145, ISSN: 0264-9381
22. CARFORA M., DAPPIAGGI C., MARZUOLI A. (2002). The modular geometry of random Regge triangulations. CLASSICAL AND QUANTUM GRAVITY, vol. 19, p. 5195-5220, ISSN: 0264-9381
23. CARBONE G., CARFORA M., MARZUOLI A. (2001). Hierarchies of invariant spin models. NUCLEAR PHYSICS. B, vol. B595, p. 654-688, ISSN: 0550-3213
24. ARCIONI G., CARFORA M., MARZUOLI A., O'LOUGHLIN M. (2001). Implementing holographic projections in Ponzano-Regge gravity. NUCLEAR PHYSICS. B, vol. B619, p. 690-708, ISSN: 0550-3213
25. Carfora Mauro, Marzuoli Annalisa, Villani Paolo (2000). An elementary proof of the entropy bounds in 3D simplicial quantum gravity. RENDICONTI - ISTITUTO LOMBARDO DI SCIENZE E LETTERE. ACCADEMIA DI SCIENZE E LETTERE. CLASSE DI LETTERE E SCIENZE MORALI E STORICHE, vol. 133, ISSN: 1124-1667

26. Ambjorn J., Carfora Mauro, Marzuoli Annalisa, Villani Paolo (2000). Recent analytical results in 4D-dynamical triangulations. NUCLEAR PHYSICS B-PROCEEDINGS SUPPLEMENTS, p. 83-747, ISSN: 0920-5632
27. CARBONE G., CARFORA M., MARZUOLI A. (2000). Wigner Symbols and combinatorial invariants of three-manifolds with boundary.. COMMUNICATIONS IN MATHEMATICAL PHYSICS, vol. 212, p. 571-590, ISSN: 0010-3616
28. AMBJORN J, CARFORA M, GABRIELLI D, MARZUOLI A. (1999). Crumpled Triangulations and Critical Points in 4D Simplicial Quantum Gravity. NUCLEAR PHYSICS. B, vol. B542, p. 349-394, ISSN: 0550-3213
29. BARTOCCI C., BRUZZO U., CARFORA M., MARZUOLI A. (1996). Entropy of random coverings and 4-D quantum gravity. JOURNAL OF GEOMETRY AND PHYSICS, vol. 18, p. 247-294, ISSN: 0393-0440
30. M. CARFORA, BAREIRA M, ROVELLI C (1996). Physics with nonperturbative quantum gravity: radiation from quantum black holes. GENERAL RELATIVITY AND GRAVITATION, vol. 28, p. 1293-1299, ISSN: 0001-7701
31. CARFORA M, MARZUOLI A. (1995). Entropy estimates for simplicial quantum gravity. JOURNAL OF GEOMETRY AND PHYSICS, vol. 16, p. 99-119, ISSN: 0393-0440
32. M. CARFORA, MARZUOLI A. (1995). Holonomy and Entropy Estimates for Dynamically Triangulated Manifolds. JOURNAL OF MATHEMATICAL PHYSICS, vol. 36, p. 6353-6376, ISSN: 0022-2488
33. M. CARFORA, PIOTRKOWSKA K (1995). Renormalization group approach to relativistic cosmology. PHYSICAL REVIEW D, vol. D52, p. 4393-4424, ISSN: 0556-2821
34. M. CARFORA, ELLIS G.F.R (1995). The geometry of classical change of signature. INTERNATIONAL JOURNAL OF MODERN PHYSICS D, vol. 4, p. 175-187, ISSN: 0218-2718
35. CARFORA M, MARTELLINI M, MARZUOLI A. (1993). 12j-symbols and four-dimensional quantum gravity. PHYSICS LETTERS. SECTION B, vol. 299, p. 229-233, ISSN: 0370-2693
36. CARFORA M., MARZUOLI A. (1993). Reidemeister torsion and simplicial quantum gravity. INTERNATIONAL JOURNAL OF MODERN PHYSICS A, vol. 8, p. 1933-1980, ISSN: 0217-751X
37. CARFORA M, MARZUOLI A (1992). Finiteness theorems in Riemannian Geometry and lattice quantum gravity. In: Contemporary Mathematics. Seattle, vol. 132, p. 171-211, PROVIDENCE:American Mathematical Society.
38. CARFORA M., MARZUOLI A. (1992). Bounded geometries and topology fluctuations in Lattice quantum gravity. CLASSICAL AND QUANTUM GRAVITY, vol. 9, p. 595-627, ISSN: 0264-9381
39. CARFORA M., MARTELLINI M., MARZUOLI A. (1992). Combinatorial and topological phase structure of non-perturbative n-dimensional quantum gravity. INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol. 6, p. 2109-2121, ISSN: 0217-9792
40. M. CARFORA, ISENBERG J., JACKSON M. (1990). Convergence of the Ricci flow for metrics with indefinite Ricci curvature. JOURNAL OF DIFFERENTIAL GEOMETRY, vol. 31, p. 249-263, ISSN: 0022-040X
41. CARFORA M, MARZUOLI A. (1989). Functional measures on the space of n-dimensional Riemannian structures. PHYSICAL REVIEW LETTERS, vol. 62, p. 1339-1342, ISSN: 0031-9007
42. CARFORA M., MARZUOLI A. (1988). Model geometries in the space of Riemannian structures and Hamilton's flow. CLASSICAL AND QUANTUM GRAVITY, vol. 5, p. 659-693, ISSN: 0264-9381
43. CARFORA M., MARTELLINI M., MARZUOLI A., SILVOTTI R. (1987). Real grassmannian sigma models and the extrinsic geometry of strings. ZEITSCHRIFT FÜR PHYSIK. C, PARTICLES AND FIELDS, vol. 35, p. 201-207, ISSN: 0170-9739
44. M. CARFORA (1986). Initial data sets, conformal geometry, and the topology of physical space in general relativity. JOURNAL OF GEOMETRY AND PHYSICS, vol. 3, p. 145-189, ISSN: 0393-0440
45. M. CARFORA (1985). Regular maximal slicings in asymptotically flat spacetimes. JOURNAL OF MATHEMATICAL PHYSICS, vol. 26, p. 2573-2580, ISSN: 0022-2488
46. M. CARFORA, MARZUOLI A (1984). Smoothing out spatially closed cosmology. PHYSICAL REVIEW LETTERS, vol. 53, p. 2445-2448, ISSN: 0031-9007

47. M. CARFORA (1983). Initial data sets and the topology of closed three-manifolds in general relativity. *IL NUOVO CIMENTO DELLA SOCIETÀ ITALIANA DI FISICA. B, GENERAL PHYSICS, RELATIVITY, ASTRONOMY AND PLASMAS*, vol. 77B, p. 143-161, ISSN: 1720-0822
48. M. CARFORA (1983). Lichnerowicz-York equation and conformal deformations on maximal slicings in asymptotically flat spacetimes. *GENERAL RELATIVITY AND GRAVITATION*, vol. 15, p. 837-848, ISSN: 0001-7701
49. M. CARFORA, TZOITIS N (1982). Some remarks on radiation gauges in general relativity. *PHYSICS LETTERS A*, vol. 88A, p. 443-446, ISSN:
50. M. CARFORA (1981). Zero-Lapse loci in asymptotically flat maximally foliated spacetime manifolds. *PHYSICS LETTERS A*, vol. 84A, p. 53-55, ISSN
51. M. CARFORA (1978). The Ehlers-Rindler problem in cylindrical symmetry I. *ATTI DELLA ACCADEMIA NAZIONALE DEI LINCEI. RENDICONTI DELLA CLASSE DI SCIENZE FISICHE, MATEMATICHE E NATURALI*, vol. 64, p. 73-81, ISSN: 0392-7881
52. M. CARFORA (1978). The Ehlers-Rindler problem in cylindrical symmetry II. *ATTI DELLA ACCADEMIA NAZIONALE DEI LINCEI. RENDICONTI DELLA CLASSE DI SCIENZE FISICHE, MATEMATICHE E NATURALI*, vol. 64, p. 186-194, ISSN: 0392-7881

- **Proceedings**

1. Carfora Mauro (2012). Ricci flow and quantum field theory landscaping. In: María Barbero Liñán, Fernando Barbero, David Martín de Diego . *XX INTERNATIONAL FALL WORKSHOP ON GEOMETRY AND PHYSICS*. Madrid, 31 August–3 September 2011, vol. 1460, p. 75-89, American Institute of Physics, ISBN: 9780735410640, doi: 10.1063/1.4733362
2. CARFORA Mauro (2011). Quantum gravity and quantum geometry. In: Bartocci C., Boi L., Sinigaglia C.. *New trends in geometry, their role in the natural and life sciences* . p. 17-33, LONDON:Imperial College Press, ISBN: 9781848166424
3. CARFORA M, BUCHERT T (2008). Ricci flow deformation of cosmological initial data sets. In: *WASCOM 2007, 14th conference on Waves and Stability in Continuous Media*. Baia Samuele, Sicily, Italy, 30 June-7 July 2007, p. 118-127, SINGAPORE:World Scientific
4. CARFORA M (2007). Fokker-Planck Asymptotics and the Ricci Flow. In: *Asymptotic Methods in Nonlinear Wave Phenomena*. Palermo, 5-7 Giugno 2006, p. 35-46, SINGAPORE:World Scientific
5. CARFORA M, DAPPIAGGI C, GILI V.L (2005). Simplicial aspects of String dualities. In: *XIV SIGRAV Conference on general relativity and gravitational physics*, Esposito G. et AL. eds. *AIP Conf. Proc. Vol 751*. Vietri sul mare, 13-17 settembre 2004, vol. 751, p. 182-184, American Institute of Physics
6. Carfora Mauro, Dappiaggi Claudio, Marzuoli Annalisa (2003). The conformal geometry of Random Regge Triangulations. In: G. Ferrarese. *Advances in General Relativity and Cosmology*. Isola d'Elba, July, 12-16 2002, p. 225-270, Bologna: Pitagora Editrice
7. Buchert T., Carfora Mauro (2003). The cosmic quartet-cosmological parameters of a smoothed inhomogeneous spacetime. In: Shibata et al. *12th JGRG Conference* . Tokio, Japan, 2003, p. 157-161, Tokio: Japan JGRG society
8. Carfora Mauro, Marzuoli Annalisa, Villani Paolo (2002). 2D dynamical triangulations and the Weil-Petersson measure. In: -. *Recent Developments in General Relativity*. Genova, 18-22 Settembre 2000, p. pp. 63-74, Milano: eds. R. Cianci et al., Springer Italia
9. Carbone G., Carfora Mauro, Marzuoli Annalisa (2002). Hierarchies of spin network models. In: eds. R.T. Jantzen, V. Gurzadyan, R. Ruffini. *IX Marcel Grossmann meeting on General Relativity* . Roma, June 2000, SINGAPORE:World Scientific
10. Buchert T., Carfora Mauro (2002). Matter seen at many scales and the geometry of averaging in relativistic cosmology. In: G. Marmo et al.. *General Relativity, Cosmology and Gravitational Lensing*. Napoli, 2002, p. 29-44, NAPOLI: Bibliopolis

11. CARFORA M, CARBONE G, MARZUOLI A (2002). Spin Models, TQFTs and their hierarchical structure. In: Recent Developments in General Relativity. p. 451-458, MILANO:SPRINGER-VERLAG, ISBN: 88-470-0162-5
12. CARFORA M, MARZUOLI A, VILLANI P (2002). Triangulations and Moduli Spaces of Representations. In: Proc. Ninth Marcel Grossmann Meeting. World Scientific
13. CARBONE G, CARFORA M, MARZUOLI A (2000). Invariants of spin networks with boundary in quantum gravity and TQFTs. In: Recent Developments in General Relativity. p. 419-426, MILANO:SPRINGER-VERLAG, ISBN: 88-470-0068-8
14. CARFORA M, AMBJORN J, MARZUOLI A, VILLANI P (2000). Recent Analytical results in 4D dynamical triangulations. In: Nuclear Physics B (Proceedings Supplement). vol. 83-84, p. 745-747, Amsterdam:Elsevier
15. Carfora Mauro, Gabrielli D., Gionti G., Marzuoli Annalisa (1997). Recent developments in 4D-simplicial quantum gravity. In: M. Bassan, V. Ferrari, et al.. General Relativity and Gravitational Physics. Roma, 23-27 settembre 1996, p. 111-126, SINGAPORE:World Scientific, ISBN: 9810231520
16. Carfora Mauro, Marzuoli Annalisa (1996). 4D-Combinatorial gravity from the recoupling of angular momenta. In: M. Carfora, A. Treves, C. Reina, G. Pizzella,. General Relativity and Gravitational Physics. SISSA Trieste, 1994, p. 253-270, SINGAPORE:World Scientific
17. Carfora Mauro, Marzuoli Annalisa, Vancheri Alberto (1994). Diffeomorphism invariance and Quantum Gravity. In: F. Colomo, L. Lusanna, G. Marmo. Constraint theory and quantization methods. Montepulciano, June 28- 1 July 1993, p. 366-400, SINGAPORE:World Scientific, ISBN: 9810215827
18. Carfora Mauro, Martellini Maurizio, Marzuoli Annalisa (1994). Four-dimensional lattice gravity and 12j symbols. In: M. Cerdonio, R. D'Auria, M. Francaviglia, G. Magnano. General Relativity and Gravitational Physics. Bardonecchia, 1-5 settembre 1992, p. 613-618, SINGAPORE:World Scientific, ISBN: 981021734X
19. Carfora Mauro, Marzuoli Annalisa (1994). Reidemeister-Franz torsion and entropy estimates for Riemannian three-manifolds. In: M. Cerdonio, R. D'Auria, M. Francaviglia, G. Magnano. General Relativity and Gravitational Physics. Bardonecchia, 1-5 settembre 1992, p. 57-73, SINGAPORE:World Scientific, ISBN: 981021734X
20. Carfora Mauro, Marzuoli Annalisa (1991). Statistical mechanics of Riemannian manifolds. In: R. Cianci, R. de Ritis, M. Francaviglia, G. Marmo, C. Rubano and P. Scudellaro. . General Relativity and Gravitational Physics. Capri, 25-28 Settembre 1992, p. 674-679, SINGAPORE:World Scientific, ISBN: 9810207654
21. Carfora Mauro, Isenberg Jim, Jackson Martin (1989). On the smoothing of cosmological spacetimes and Ricci flow. In: D. G. Blair, M. J. Buckingham. The Fifth Marcel Grossmann Meeting on Recent Developments in Theoretical and Experimental General Relativity, Gravitation and Relativistic Field Theory. Perth, Australia, August 8 1988, p. 471-478, SINGAPORE:World Scientific, ISBN: 9971507846
22. Carfora Mauro, Marzuoli Annalisa (1988). Probability measures on the space of Riemannian structures. In: R.Cianci, R.Cianci, M.Francaviglia, M.Toller. General Relativity and Gravitational Physics. Cavalese, Agosto 30- Settembre 3, 1988, p. 124-135, SINGAPORE:World Scientific
23. Carfora Mauro, Marzuoli Annalisa (1986). Smoothing out spacetime geometry. In: GRG society. Abstracts of contributed papers, 11th International Conference on General Relativity and Gravitation. Stockholm, 1986, vol. Vol. I, p. 320, Stockholm:GRG society
24. Carfora Mauro, Marzuoli Annalisa (1986). Smoothing spacetime geometry. In: U.Bruzzo, R.Cianci, E.Massa. General Relativity and Gravitational Physics. Rapallo, 3-6 settembre 1986, p. 19-34, SINGAPORE:World Scientific
25. Carfora Mauro (1984). Deformazioni conformi, equazione di Lichnerowicz-York e dinamica del campo gravitazionale. In: A. M. Anile, S. Motta, S. Pluchino. Atti del V convegno nazionale di

- relatività generale e fisica della gravitazione. Catania, 1984, p. 69-79, Catania:Università degli Studi di Catania
26. Carfora Mauro, Marzuoli Annalisa (1984). Global deformations of Riemannian metrics: applications to relativistic cosmology. In: R. Fabbri, M. Modugno. Atti del VI convegno nazionale di relatività generale e fisica della gravitazione. Firenze, 3-6 settembre 1984, p. 43-47, BOLOGNA: Pitagora
 27. M. Carfora (1983). Dynamics of maximal foliations in asymptotically flat spacetimes. In: B. Bertotti, F. De Felice, A. Pascolini. Proceedings of the 10th International Conference on General Relativity and Gravitation, Contributed Papers, VOL.I. Padova, 1983, vol. Vol. I, p. 388-390, Roma: Consiglio Nazionale delle Ricerche
 28. M. Carfora (1995). Varietà differenziabili infinito dimensionali. In: Istituto dell'Enciclopedia Italiana Treccani. Dizionario delle scienze fisiche Treccani. vol. VI, p. 491-495, Roma: Istituto dell'Enciclopedia Italiana Treccani
 29. M. Carfora, M. Francaviglia (1995). Geometria delle varietà lorentziane. In: Istituto dell'Enciclopedia Italiana. Dizionario delle Scienze Fisiche Treccani. vol. VI, p. 495-497, Roma: Istituto dell'Enciclopedia Italiana Treccani
 30. M. Carfora, M. Francaviglia (1995). Operatori, Indici di. In: Istituto dell'Enciclopedia Italiana Treccani. Dizionario delle Scienze Fisiche Treccani. vol. IV, p. 297-302, Roma: Istituto dell'Enciclopedia Italiana Treccani

- **Edited Proceedings**

31. M. Carfora, M. Martellini, A. Marzuoli (a cura di) (1992). Integrable systems and quantum groups. Di M. Carfora, M. Martellini, A. Marzuoli. SINGAPORE: World Scientific, ISBN: 9810210078
32. M. Carfora, M. Cavaglià, M. Francaviglia, P. Fré, G. Pizzella, C. Reina, A. Treves (a cura di) (1994). General Relativity and Gravitational Physics (Proceedings of the 11th Italian Conference on). Di M. Carfora et al.. SINGAPORE: World Scientific, ISBN: 9810228287

- **Varia**

Carfora Mauro (2005). Francobollo Italiano per l'Anno Mondiale della Fisica.

M. Carfora (2005). Einstein a Pavia Scienza e affetti, Pagina 049.055 (19 marzo 2005) - Corriere della Sera. p. 049.055