

Elenco pubblicazioni su riviste internazionali con referaggio (peer review):

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2. M. Bonaldi et al., *Nonequilibrium Steady-State Fluctuations in Actively Cooled Resonators*, Phys. Rev. Lett. **103**, 010601 (2009)
3. F. Acernese et al., *First joint gravitational wave search by the AURIGA–EXPLORER–NAUTILUS–Virgo Collaboration*, Class. Quantum Grav. **25** (2008) 205007
4. A. Vinante et al., *Feedback Cooling of the Normal Modes of a Massive Electromechanical System to Submillikelvin Temperature*, Phys. Rev. Lett. **101**, 033601 (2008)
5. J.-P. Zendri et al., *Loss budget of a setup for measuring mechanical dissipations of silicon wafers between 300 and 4 K*, Rev. Sci. Instrum. **79**, 033901 (2008)
6. P. Astone et al., *Results of the IGEC-2 search for gravitational wave bursts during 2005*, Phys. Rev. D **76** (2007) 102001
7. M. Bonaldi et al., *Principles of wide bandwidth acoustic detectors and the single-mass dual detector*, Phys. Rev. D **74** (2006) 022003
8. L. Baggio et al., *Upper Limits on Gravitational-Wave Emission in Association with the 27 Dec 2004 Giant Flare of SGR1806-20*, Phys. Rev. Lett. **95** (2005) 081103 & Erratum, Phys. Rev. Lett. **95** (2005) 081103
9. L. Baggio et al., *3-Mode Detection for Widening the Bandwidth of Resonant Gravitational Wave Detector*, Phys. Rev. Lett. **94** (2005) 241101
10. M. Bignotto et al., *New suspension system for the gravitational wave bar detector AURIGA*, Rev. Sci. Instrum. **76** (2005) 084502
11. L. Conti, M. De Rosa, F. Marin, *High-spectral-purity laser system for the AURIGA detector optical readout*, J. Opt. Soc. Am. B **20** (2003) 462
12. L. Conti et al., *Room temperature gravitational wave bar detector with optomechanical readout*, Jour. Appl. Phys. **93** (2003) 3589
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14. F. Marin, L. Conti, M. De Rosa, *A folded Fabry-Perot cavity for optical sensing in gravitational wave detectors*, Phys. Lett. A **309** (2003) 15-23
15. P. Astone et al., *Methods and results of the IGEC search for burst gravitational waves in the years 1997-2000*, Phys. Rev. D **68** (2003) 022001
16. M. Bonaldi et al., *Selective readout and back-action reduction for wideband acoustic gravitational wave detectors*, Phys. Rev. D **68** (2003) 102004
17. M. De Rosa, L. Conti, M. Cerdonio, M. Pinard, F. Marin, *Experimental Measurement of the Dynamic Photothermal Effect in Fabry-Perot Cavities for Gravitational Wave Detectors*, Phys. Rev. Lett. **89** (2002) 237402
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19. M. Cerdonio, L. Conti, J.A. Lobo, A. Ortolan, L. Taffarello, J.P. Zendri, *Wideband Dual Sphere Detector of Gravitational Waves*, Phys. Rev. Lett. **87** (2001) 031101.
20. L. Conti, M. De Rosa, F. Marin, *Low-amplitude-noise laser for AURIGA detector optical readout*, Appl. Opt., **39** (2000) 5732-5738
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23. L.Conti *et al.*, *RareNoise: non-equilibrium effects in detectors of gravitational waves*, sottomesso a *Class. Quant. Grav.* (2009).
24. M. Bignotto *et al.*, *A Cross-correlation method to search for gravitational wave bursts with AURIGA and Virgo*, *Class. Quant. Grav.* **25** (2008) 114046
25. F. Marin *et al.*, *Optical metrology for massive detectors of gravitational waves*, *Optics and Lasers in Engineering* **45** (2007) 471–477
26. T. Suzuki *et al.*, *Application of sapphire bonding for suspension of cryogenic mirrors*, *Journal of Physics: Conference Series* 32 (2006) 309–314
27. T. Suzuki *et al.*, *Application of Sapphire Bonding for Interferometric Gravitational Wave Detector with Cryogenic Mirrors*, *Int. Jour. of Modern Physics A* **20** (2005) pp. 7060-7062
28. M.Bonaldi *et al.*, *Wide bandwidth dual acoustic gravitational wave detectors*, *Nucl. Phys. B (Proc. Suppl.)* **138** (2005) 443–445
29. M. Bignotto *et al.*, *Dual detectors of gravitational waves*, *Proceedings of SPIE - Volume 5500 Gravitational Wave and Particle Astrophysics Detectors*, edito da: J. Hough, G. H. Sanders (2004) pp. 105-112
30. F. Marin, L. Conti, M. De Rosa, *An optical readout scheme for advanced acoustic GW detectors*, *Class. Quant. Grav.* **21** (2004) S1237-S1240
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35. M.Bonaldi *et al.*, *A broad band detector of Gravitational Waves: The dual torus*, in 'Gravitational Waves and Experimental Gravity', edito da: .Dumarchez, J. Tran Thanh Van, The Gioi Publishers, Vietnam (2003) p.227-232
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37. P.Astone *et al.*, *Search for gravitational wave bursts by the network of resonant detectors*, *Class.Quant.Grav.* **19** (2002) 1367-1375
38. L. Conti *et al.*, *A wideband and sensitive gw detector for kHz frequencies: the Dual Sphere*, *Class.Quant.Grav.* **19** (2002) 2013-2019
39. M. De Rosa *et al.*, *First room temperature operation of the AURIGA optical readout*, *Class.Quant.Grav.* **19** (2002) 1919-1924
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45. L. Conti *et al.*, *An optical transduction chain for the AURIGA detector*, in "Gravitational waves", edito da S.Meshkov, AIP Conference Proceedings, New York (2000) p. 261.
46. J. P. Zendri *et al.*, *Status report of the gravitational wave detector AURIGA*, in "Gravitational waves", edito da S.Meshkov, AIP Conference Proceedings, New York (2000) p. 421-422.
47. M. Cerdonio *et al.*, *Bar detectors*, in " Gravitational waves and experimental gravity", edito da J.Trân Thanh Vân *et al.*, World Publishers, Hanoi (2000) p.33-38.
48. L. Conti *et al.*, *Optical readout for the AURIGA detector*, in "Gravitational waves and experimental gravity", edito by J.Trân Thanh Vân *et al.*, World Publishers, Hanoi (2000) p.85-87.
49. L. Baggio *et al.*, *Resonant detectors for gravitational waves*, Adv. Space Res. **25** (2000) 1171-1176.
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