Lista di Pubblicazioni
Periodo 2010-2016

1. The Pierre Auger Collaboration “Azimuthal asymmetry in the risetime of the Surface Detector signals of the Pierre Auger Observatory” Accepted for publication in Phys. Rev. D


4. The Pierre Auger Collaboration, Telescope Array Collaboration, IceCube Collaboration “Search for correlations between the arrival directions of IceCube neutrino events and ultrahigh-energy cosmic rays detected by the Pierre Auger Observatory and the Telescope Array” Journal of Cosmology and Astroparticle Physics 01 037 (2016)


12. The Pierre Auger Collaboration “Search for patterns by combining cosmic ray energy and arrival directions at the Pierre Auger Observatory”
13. Argo-YBJ Collaboration (B. Bartoli et al.) “Knee of the cosmic hydrogen and helium spectrum below 1 PeV measured by ARGO-YBJ and a Cherenkov telescope of LHAASO”  

14. Argo-YBJ Collaboration (B. Bartoli et al.) “ARGO-YBJ observation of the large scale cosmic ray anisotropy during the solar minimum between cycles 23 and 24”  

15. Argo-YBJ Collaboration (B. Bartoli et al.) “Cosmic ray proton plus helium energy spectrum measured by the ARGO-YBJ experiment in the energy range 3-300 TeV”  


17. Argo-YBJ Collaboration (B. Bartoli et al.) “Calibration of the RPC charge readout in the ARGO-YBJ experiment with the iso-gradient method”  
Nuclear Instrument and Methods A783 68 (2015)

18. Argo-YBJ Collaboration (B. Bartoli et al.) “The analog RPC readout of the ARGO-YBJ experiment”  
Astroparticle Physics 67 47 (2015)

19. Argo-YBJ Collaboration (B. Bartoli et al.) “Crab Nebula: five-year observations with ARGO-YBJ”  

20. The Pierre Auger Collaboration “Depth of Maximum of Air-Shower Profiles at the Auger Observatory: Measurements at Energies above 10^{17.8} eV”  
Physical Review D 90, 122005 (2014)

21. The Pierre Auger “Depths of Maximum of Air-Shower Profiles at the Pierre Auger Observatory: Composition Implications”  
Physical Review D 90, 122006 (2014)

22. The Pierre Auger and Telescope Array Collaborations “Searches for Large-Scale Anisotropy in the Arrival Directions of Cosmic Rays above 10^{19} eV at the Pierre Auger Observatory and the Telescope Array”  

23. AUGER Collaboration (A.Aab et al.) “A search for point sources of EeV photons”  

24. AUGER Collaboration (A.Aab et al.) “Reconstruction of inclined air showers detected with the Pierre Auger Observatory”  
Journal of Cosmology and Astroparticle Physics 08 019 (2014)

25. AUGER Collaboration (A.Aab et al.) “Muons in air showers at the Pierre Auger Observatory: measurement of atmospheric production depth”
26. AUGER Collaboration (A.Aab et al.) “A Targeted Search for Point Sources of EeV Neutrons”

27. AUGER Collaboration (A.Aab et al.) “Probing the radio emission from cosmic-ray-induced air showers by polarization measurements”

28. AUGER Collaboration (A.Aab et al.), G. Curci “Origin of atmospheric aerosols at the Pierre Auger Observatory using studies of air mass trajectories in South America”
Atmospheric Research 149, 120-135 (2014)

29. Argo-YBJ Collaboration (B. Bartoli et al.) “Search for GeV GRBs with the ARGO-YBJ detector: Summary of eight years of observations.”


31. Argo-YBJ Collaboration (B. Bartoli et al.) “Evidence of a geomagnetic effect on extensive air showers detected with the ARGO-YBJ experiment”

32. Argo-YBJ Collaboration (B. Bartoli et al.) “Radon contribution to single particle counts of the ARGO-YBJ detector”
Radiation Measurements 68 42-48 (2014)

33. Argo-YBJ Collaboration (B. Bartoli et al.) “Energy spectrum of cosmic protons and helium nuclei by a hybrid measurement at 4300 m a.s.l.”


35. L. Perrone for the AUGER Collaboration “Results from the Pierre Auger Observatory”

36. AUGER Collaboration (J. Abraham et al.) “Identifying Clouds over the Pierre Auger Observatory using IR Satellite Data”
Astroparticle Physics, 50-52 (2013) 92-101


38. AUGER Collaboration (P. Abreu et al.), “Bounds on the density of sources of ultra-high energy cosmic rays from the Pierre Auger Observatory”, JCAP, 05 (2013) 009

39. AUGER Collaboration (P. Abreu et al.), “The Interpretation of the
Depths of Shower Maximum of Extensive Air Showers Measured by the Pierre Auger Observatory", JCAP, 02 (2013) 026 DOI: 10.1088/1475-7516/2013/02/026


47. AUGER Collaboration (P.Abreu et al.), “Results of a self-triggered prototype system at the Pierre Auger Observatory for radio-detection of air showers induced by cosmic rays”, JINST, 7 (2012) P11023 DOI: 10.1088/1748-0221/7/11/P110


65. AUGER Collaboration (P. Abreu et al.), “Anisotropy and chemical composition of ultra-high energy cosmic rays using arrival directions measured by the Pierre Auger Observatory”, JCAP 06 (2011) 022, DOI: 10.1088/1475-7516/2011/06/022


Quinquennio 2005-2009


85. AUGER Collaboration (J. Abraham et al.) “Atmospheric effects on extensive air showers observed with the Surface Detector of the Pierre Auger Observatory” ASTROPARTICLE PHYSICS, vol. 32, p. 89-99 (2009)


92. AUGER Collaboration (J. Abraham et al.) “Correlation of the highest-energy cosmic rays with the positions of nearby active galactic nuclei”, Astroparticle Physics 29, 188-204 (2008)

93. AUGER Collaboration (J. Abraham et al.) “Correlation of the highest energy cosmic rays with nearby extragalactic objects” Science 318, 938-943 (2007)

detecting $\nu_\tau$ and $\nu_\mu$ with a km$^3$ Telescope.”

95. AUGER Collaboration (J. Abraham et al.) “Anisotropy studies around the galactic centre at EeV energies with the Auger Observatory”,
Astroparticle Physics 27, 244-253 (2007)


97. AUGER Collaboration (J. Abraham et al.) “An upper limit to the photon fraction in cosmic rays above $10^{19}$ eV”,
Astroparticle Physics 27, 155-168 (2007)

98. Argo-YBJ Collaboration (G. Aielli et al.) “The status of the ARGO experiment at YBJ”


100. C. Aramo, A. Insolia, A. Leonardi, G. Miele, L. Perrone, O. Pisanti, D.V. Semikoz “Earth-Skimming UHE tau neutrinos at the Fluorescence Detector of the Pierre Auger Observatory”

101. G. Miele, L. Perrone, O. Pisanti “Ultrahigh energy nu(tau) detection at Pierre Auger Observatory”

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102. L. Perrone for the AUGER Collaboration “AUGER FD: Detector response to simulated showers and real event topologies”

103. AUGER Collaboration (J.Abraham et al.) “Properties and performance of the prototype instrument for the Pierre Auger Observatory”

104. MACRO Collaboration (M.Ambrosio et al.). “Measurements of atmospheric muon neutrino oscillations, global analysis of the data collected with MACRO detector”

105. EASTOP Collaboration (M.Aglietta et al.) and MACRO Collaboration (M. Ambrosio et al.) “The cosmic ray primary composition between $10^{15}$ and $10^{16}$ eV from Extensive Air Showers electromagnetic and TeV muon data ”

106. MACRO Collaboration (M. Ambrosio et al.) “Search for diffuse neutrino flux from astrophysical sources with MACRO ”


111. MACRO Collaboration (M. Ambrosio et al.) “Search for cosmic ray sources using muons detected by the MACRO experiment” Astroparticle Physics 18, 615-627 (2003)


118. L. Perrone for the MACRO Collaboration “Search for a diffuse neutrino flux from astrophysical sources with MACRO detector”, Proceedings of the Nato Advanced Research Workshop, Oujda (Morocco), edited by G.Giacomelli et al., 211-216 (2001)


121. MACRO Collaboration (M. Ambrosio et al.) “A combined analysis
technique for the search for fast magnetic monopoles with the MACRO detector”, Astroparticle Physics 18, 27 (2002)
122. MACRO Collaboration (M.Ambrosio et al.) “Neutrino Astronomy with the MACRO detector”
123. F. De Paolis, G. Ingrosso, D. Orlando, L. Perrone “High energy neutrinos from GRBs”
124. MACRO Collaboration (M.Ambrosio et al.) “A Search for Lightly Ionizing Particles with the MACRO Detector”
125. MACRO Collaboration (M.Ambrosio et al.) “Low energy atmospheric muon neutrinos in MACRO”
126. MACRO Collaboration (M.Ambrosio et al.). “Nuclearite search with the MACRO detector at Gran Sasso”