Elenco pubblicazioni (Su riviste internazionali con referaggio)

[L’Impact Factor è relativo all’anno della pubblicazione]

1. Gamma ray activity of neodymium samples  
   C.Arpesella, E.Bellotti, L.Miramonti, P.P.Sverzellati  
   [IF = 1.038]

2. Status of the EDELWEISS experiment  
   Edelweiss Coll.  
   [IF = 5.631]

3. Status of the EDELWEISS experiment  
   Edelweiss Coll.  
   [IF = 0.964]

4. 320g ionization-heat bolometers design for the EDELWEISS experiment  
   X.F.Navick, M.Chapellier, F.Déliot, S.Hervé, L.Miramonti  
   [IF = 0.964]

5. Physical Interpretation on the Neganov-Luke and related Effects  
   M.Chapellier, G.Chardin, L.Miramonti, X.F.Navick  
   [IF = 0.893]

6. High sensitivity quest for Majorana neutrino mass with the BOREXINO Counting Test Facility  
   G.Bellini, B.Caccianiqa, M.Chen, F.A.Danevich, M.G.Giammarchi, V.V.Kobychev,  
   B.N.Kropivnyansky, E.Meroni, L.Miramonti, A.S.Nikolayko, L.Oberauer, O.A.Ponkratenko,  
   S.Yu.Zdesenko, Yu.G.Zdesenko  
   [IF = 4.213]

7. Event categories in the EDELWEISS WIMP search experiment  
   Edelweiss Coll.  
   [IF = 4.213]
8. Background discrimination capabilities of a heat and ionization germanium cryogenic
detector
Edelweiss Coll.
[IF = 4.110]

9. A low energy threshold scintillation detector for X and low gamma rays at the Fréjus underground laboratory
L.Miramonti
[IF = 0.635]

10. High sensitivity $\beta$ decay study of $^{116}$Cd and $^{100}$Mo with the BOREXINO Counting Test Facility (CAMEO project)
[IF = 5.194]

11. First results of the EDELWEISS WIMP search using 320g heat-and-ionization Ge detector
Edelweiss Coll.
[IF = 4.377]

12. The CAMEO Project: high sensitivity quest for majorana neutrino mass with the Borexino Counting Test Facility
Particles and Nuclei, Letters. 2001 No 3 [106].
[IF = 1.100]

13. Measurements of extremely low radioactive levels in Borexino
Borexino Coll.
[IF = 4.270]

14. Search for electron decay mode $\gamma \gamma$ with prototype of Borexino detector
Borexino Coll.
[IF = 4.298]

15. A plastic scintillator detector for beta particles
L.Miramonti
[IF = 0.974]
16. Solar neutrino physics: present status and perspectives  
_L.Miramonti, F.Reseghetti_  
[IF = 1.565]

17. Study of nuclear recoil response of NaI(Tl) scintillator detector with a $^{252}$Cf neutron source  
_L.Miramonti_  
Radiation Physics and Chemistry Vol. 64/5-6 pp. 337-342 (2002).  
[IF = 0.738]

18. A very low background HPGe detector operating deep underground at 4800 meter water equivalent  
_L.Miramonti_  
[IF = 0.768]

19. The calibration and the monitoring of the Borexino detector  
_L.Miramonti_  
Progress in Particle and Nuclear Physics 48/1 pp. 27 (2002).  
[IF = 2.298]

20. Study of neutrino electromagnetic properties with prototype of Borexino detector  
_Borexino Coll._  
[IF = 4.066]

21. New limits on nucleon decays into invisible channel with the Borexino Counting Test Facility  
_Borexino Coll._  
[IF = 4.066]

22. A multiplex optical-fiber system for the PMT calibration of the Borexino experiment  
[IF = 1.166]

23. New experimental limits on heavy neutrino mixing in $^8$B decay obtained with the Borexino Counting Test Facility  
_Borexino Coll._  
JEPT Letters Pis’ma v ZhETF, vol 78, iss. 5 pp. 261-266 (2003).  
[IF = 1.326]

24. New experimental limits on violations of the Pauli exclusion principle obtained with the Borexino Counting Test Facility  
_Borexino Coll._  
25. Recent advances in neutrinoless double beta decay search
   L.Miramonti, F.Reseghetti
   [IF = 0.292]

26. Neutrinoless double beta decay: current status and perspectives and the Cameo project
   L.Miramonti
   [IF = 0.864]

27. Search for electron antineutrino interaction with the Borexino Counting Test Facility at Gran Sasso
   Borexino Coll.
   [IF = 3.251]

28. Simultaneous measurement of gamma rays and radon emission (SIMGRAE) for solid samples radioactivity assessment
   I.D’Angelo, M.Giammarchi, L.Miramonti, R.Scardaoni
   [IF = 0.915]

29. CNO and pep neutrino spectroscopy in Borexino: Measurement of the deep underground production of cosmogenic $^{11}$C in organic liquid scintillator
   Borexino Coll.
   [IF = 3.327]

30. Pulse-Shape discrimination with the Counting Test Facility
   Borexino Coll.
   [IF = 1.019]

31. First real time detection of $^7$Be solar neutrinos by Borexino
   Borexino Coll.
   [IF = 4.034]

32. Search for solar axions emitted in the M1-transition of $^7$Li$^*$ with Borexino CTF
   Borexino Coll.
   [IF = 2.805]

33. Study of phenylxylylethane (PXE) as scintillator for low energy neutrino experiments
   Borexino Coll.
[IF = 1.267]

[IF = 7.180]

[IF = 1.317]

[IF = 4.136]

[IF = 4.922]

39. \textit{Atmospheric effects on extensive air showers observed with the Surface Detector of the Pierre Auger Observatory}\n\textit{Auger Coll.}\nAstroparticle Physics 32 (2009) 89-99.  
[IF = 4.136]

[IF = 1.317]

[IF = 3.416]
42. Trigger and aperture of the surface detector array of the pierre auger observatory
   \textit{Auger Coll.}
   \textit{[IF = 1.142]}

43. \textbf{A Study of the Effect of Molecular and Aerosol Conditions on Air Fluorescence Measurements at the Pierre Auger Observatory}
   \textit{Auger Coll.}
   \textit{[IF = 3.808]}

44. \textbf{Measurement of the Depth of Maximum of Extensive Air Showers above 10^{18} eV}
   \textit{Auger Coll.}
   \textit{[IF = 7.621]}

45. \textbf{Measurement of the energy spectrum of cosmic rays above 10^{18} eV using the Pierre Auger Observatory}
   \textit{Auger Coll.}
   \textit{[IF = 5.255]}

46. \textbf{New experimental limits on the Pauli forbidden transitions in $^{12}$C nuclei obtained with 485 days Borexino data}
   \textit{Borexino Coll.}
   \textit{[IF = 3.416]}

47. \textbf{Observation of geo-neutrinos}
   \textit{Borexino Coll.}
   \textit{[IF = 5.255]}

48. \textbf{The fluorescence detector of the Pierre Auger Observatory}
   \textit{Auger Coll.}
   \textit{[IF = 1.142]}

49. \textbf{Measurement of the solar $^8B$ neutrino rate with a liquid scintillator target and 3 MeV energy threshold in the Borexino detector}
   \textit{Borexino Coll.}
   \textit{[IF = 4.964]}

50. \textbf{Update on the correlation of the highest energy cosmic rays with nearby extragalactic matter}
    \textit{Auger Coll.}
    \textit{[IF = 3.808]}
51. The exposure of the hybrid detector of the Pierre Auger Observatory  
    *Auger Coll.*  
    Astroparticle Physics 34 (2011) 368-381.  
    [IF = 3.216]  

52. Study of solar and other unknown anti-neutrino fluxes with Borexino at LNGS  
    *Borexino Coll.*  
    [IF = 3.955]  

53. The Pierre Auger Observatory Scaler Mode for the Study of Solar Activity Modulation of Galactic Cosmic Rays  
    *Auger Coll.*  
    Journal of Instrumentation (JINST) 6 (2011) P01003.  
    [IF = 3.140]  

54. Search for First Harmonic Modulation in the Right Ascension Distribution of Cosmic Rays Detected at the Pierre Auger Observatory  
    *Auger Coll.*  
    [IF = 3.216]  

55. Advanced functionality for radio analysis in the Offline software framework of the Pierre Auger Observatory  
    *Auger Coll.*  
    [IF = 1.207]  

56. Search for modulations of the solar Be-7 flux in the next-generation neutrino observatory LENA  
    Michael Wurm, Barbara Caccianiga, Davide D’Angelo, Stefano Davini, Franz von Feilitzsch,  
    Marianne Goger-Neff, Tobias Lachenmaier, Timo Lewke, Paolo Lombardi, Livia Ludhova, Quirin Meindl,  
    [IF = 4.558]  

57. The scintillator solvent procurement for the Borexino solar neutrino detector  
    [IF = 1.207]  

58. Muon and cosmogenic neutron detection in Borexino  
    *Borexino Coll.*  
    [IF = 3.140]
59. Anisotropy and chemical composition of ultra-high energy cosmic rays using arrival directions measured by the Pierre Auger Observatory
   Auger Coll.
   Journal of Cosmology and Astroparticle Physics (JCAP) 6 (2011) 22.
   [IF = 5.723]

60. Precision measurement of the $^7$Be solar neutrino interaction rate in Borexino
   Borexino Coll.
   [IF = 7.370]

61. The Lateral Trigger Probability function for UHE Cosmic Rays Showers detected by the Pierre Auger Observatory
   Auger Coll.
   [IF = 3.216]

62. Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory
   Auger Coll.
   [IF = 4.558]

63. Search for signatures of magnetically-induced alignment in the arrival directions measured by the Pierre Auger Observatory
   Auger Coll.
   [IF = 4.777]

64. Absence of a day–night asymmetry in the $^7$Be solar neutrino rate in Borexino
   Borexino Coll.
   [IF = 4.569]

65. The effect of the geomagnetic field on cosmic ray energy estimates and large scale anisotropy searches on data from the Pierre Auger Observatory
   Auger Coll.
   [IF = 6.036]

66. First evidence of pcp solar neutrinos by direct detection in Borexino
   Borexino Coll.
   [IF = 7.943]

67. Data from the Global Data Assimilation System (GDAS) for the Pierre Auger Observatory
   Auger Coll.
68. The next-generation liquid-scintillator neutrino observatory LENA  
LENA working group.  
[IF = 4.777]

69. A search for anisotropy in the arrival directions of ultra high energy cosmic rays  
recorded at the Pierre Auger Observatory  
Auger Coll.  
[IF = 6.036]

70. Measurement of the proton-air cross-section at $\sqrt{s} = 57$ TeV with the Pierre Auger Observatory  
Auger Coll.  
[IF = 7.943]

71. Search for Solar Axions Produced in $p(d,^3He)$ A Reaction with Borexino Detector  
Borexino Coll.  
[IF = 4.691]

72. Cosmic-muon flux and annual modulation in Borexino at 3800 m water-equivalent depth  
Borexino Coll.  
[IF = 6.036]

73. Search for point-like sources of ultra-high energy neutrinos at the Pierre Auger Observatory and improved limit on the diffuse flux of tau neutrinos  
Auger Coll.  
[IF = 6.345]

74. Measurement of CNGS muon neutrinos speed with Borexino  
Borexino Coll.  
[IF = 4.569]

75. The Rapid Atmospheric Monitoring System of the Pierre Auger Observatory  
Auger Coll.  
[IF = 1.656]

76. Antennas for the detection of radio emission pulses from cosmic-ray induced air showers at the Pierre Auger Observatory
77. **Borexino calibrations: Hardware, Methods, and Results**
   Borexino Coll.
   [IF = 1.656]

78. **A Search for Point Sources of EeV Neutrons**
   Auger Coll.
   [IF = 6.733]

79. **Results of a self-triggered prototype system at the Pierre Auger Observatory for radio-detection of air showers induced by cosmic rays**
   Auger Coll.
   [IF = 1.656]

80. **Large scale distribution of arrival directions of cosmic rays detected above \(10^{18}\) eV at the Pierre Auger observatory**
   Auger Coll.
   [IF = 16.238]

81. **Constraints on the origin of cosmic rays above \(10^{18}\) eV from large scale anisotropy searches in data of the Pierre Auger observatory**
   Auger Coll.
   [IF = 5.602]

82. **Interpretation of the depths of maximum of extensive air showers measured by the Pierre Auger Observatory**
   Auger Coll.
   [IF = 5.877]

83. **Solar neutrinos**
   V. Antonelli, L. Miramonti, C. Pena-Garay, A. Serenelli
   [IF = 2.624]

84. **Ultrahigh Energy Neutrinos at the Pierre Auger Observatory**
   Auger Coll.
   [IF = 2.624]
85. Advancements in solar neutrinos physics  
   Lino Miramonti, Vito Antonelli  
   [IF = 0.625]

86. Measurement of geo–neutrinos from 1353 days of Borexino  
   Borexino Coll.  
   [IF = 6.019]

87. SOX: Short distance neutrino oscillations with Borexino  
   Borexino Coll.  
   [IF = 5.375]

88. Lifetime measurements of $^{214}$Po and $^{212}$Po in the CTF liquid scintillator detector at LNGS  
   Borexino Coll.  
   [IF = 2.421]

89. Cosmogenic Backgrounds in Borexino at 3800 m water-equivalent depth  
   Borexino Coll.  
   Journal of Cosmology and Astroparticle Physics (JCAP) 8 (2013) 49.  
   [IF = 5.877]

90. Bounds on the density of sources of ultra-high energy cosmic rays from the Pierre Auger Observatory  
   Auger Coll.  
   [IF = 5.877]

91. Techniques for Measuring Aerosols using the Central Laser Facility at the Pierre Auger Observatory  
   Auger Coll.  
   Journal of Instrumentation (JINST) 8 (2013) P04009.  
   [IF = 1.526]

92. New limits on heavy sterile neutrino mixing in $^8$B-decay obtained with the Borexino detector  
   Borexino Coll.  
   [IF = 4.864]

93. Identifying Clouds over the Pierre Auger Observatory using IR Satellite Data  
   Auger Coll.  
   [IF = 4.450]
94. Probing the radio emission from cosmic-ray-induced air showers by polarization measurements
   Auger Coll.

95. Final results of Borexino Phase-I on low-energy solar neutrino spectroscopy
   Borexino Coll.

96. Origin of atmospheric aerosols at the Pierre Auger Observatory using studies of air mass trajectories in South America
   Auger Coll.
   Atmospheric Research 149 (2014) 120-135

97. A search for point sources of EeV photons
   Auger Coll.

98. A Targeted Search for Point Sources of EeV Neutrons
   Auger Coll.

99. Reconstruction of inclined air showers detected with the Pierre Auger Observatory
   Auger Coll.
   Journal of Cosmology and Astroparticle Physics (JCAP) 8 (2014) 19.

100. Neutrinos from the primary proton-proton fusion process in the Sun
    Borexino Coll.

101. Muons in air showers at the Pierre Auger Observatory: measurement of atmospheric production depth
    Auger Coll.

102. 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
    Auger Coll. and Telescope Array Coll.

103. Depth of Maximum of Air-Shower Profiles at the Auger Observatory: Measurements at Energies above $10^{17.8}$ eV
    Auger Coll.

104. Depths of Maximum of Air-Shower Profiles at the Pierre Auger Observatory: Composition Implications
    Auger Coll.

105. Muons in air showers at the Pierre Auger Observatory: Mean number in highly inclined events
   Auger Coll.

106. Spectroscopy of geoneutrinos from 2056 days of Borexino data
   Borexino Coll.

107. Test of Electric Charge Conservation with Borexino
   Borexino Coll.

108. The Pierre Auger Cosmic Ray Observatory
   Auger Coll.

109. Search for patterns by combining cosmic ray energy and arrival directions at the Pierre Auger Observatory
   Auger Coll.

110. An improved limit to the diffuse flux of ultra-high energy neutrinos from the Pierre Auger Observatory
    Auger Coll.

111. Measurement of the cosmic ray spectrum above $4 \cdot 10^{18}$ eV using inclined events detected with the Pierre Auger Observatory
    Auger Coll.

112. Searches for Anisotropies in the Arrival Directions of the Highest Energy Cosmic Rays Detected by the Pierre Auger Observatory
    Auger Coll.

113. Large scale distribution of ultra high energy cosmic rays detected at the Pierre Auger Observatory with zenith angles up to 80 degrees
    Auger Coll.

114. Azimuthal asymmetry in the risetime of the Surface Detector signals of the Pierre Auger Observatory
    Auger Coll.
115. Prototype muon detectors for the AMIGA component of the Pierre Auger Observatory  
   Auger Coll.  

116. Nanosecond-level time synchronization of autonomous radio detector stations using a reference beacon and commercial airplanes  
   Auger Coll.  

117. 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  
   Auger Coll., Telescope Array Coll., IceCube Coll.  
   Journal of Cosmology and Astroparticle Physics (JCAP) 1 (2016) 037.

   Auger Coll.  

119. Energy estimation of cosmic rays with the Engineering Radio Array of the Pierre Auger Observatory  
   Auger Coll.  

120. Neutrino Physics with JUNO  
   JUNO Coll.  

121. Testing hadronic interactions at ultrahigh energies with air showers measured by the Pierre Auger Observatory  
   Auger Coll.  

122. Search for ultrarelativistic magnetic monopoles with the Pierre Auger observatory  
   Auger Coll.  

123. Evidence for a mixed mass composition at the "ankle" in the cosmic-ray spectrum  
   Auger Coll.  

124. Measurement of the Muon Production Depths at the Pierre Auger Observatory  
   Auger Coll.  
125. Ultrahigh energy neutrino follow-up of Gravitational Wave events GW150914 and GW151226 with the Pierre Auger Observatory
   Auger Coll.

126. Search for photons above $10^{18}$ eV with the hybrid detector of the Pierre Auger Observatory
   Auger Coll.

127. Impact of atmospheric effects on the energy reconstruction of air showers observed by the surface detectors of the Pierre Auger Observatory
   Auger Coll.

128. Muon Counting using Silicon Photomultipliers in the AMIGA detector of the Pierre Auger Observatory
   Auger Coll.

129. A targeted search for point sources of EeV photons with the Pierre Auger Observatory
   Auger Coll.

130. Combined fit of spectrum and composition data as measured by the Pierre Auger Observatory
   Auger Coll.

131. Low background techniques in liquid scintillators detectors
   L. Miramonti

132. Multi-resolution anisotropy studies of ultra-high energy cosmic rays detected at the Pierre Auger Observatory
   Auger Coll.
   Journal of Cosmology and Astroparticle Physics (JCAP) 6 (2017) 026.

133. Spectral calibration of the fluorescence telescopes of the Pierre Auger Observatory
   Auger Coll.
   Astroparticle Physics 95 (2017) 44-56.

134. Seasonal modulation of the $^7$Be solar neutrino rate in Borexino
   Borexino Coll.
135. **Observation of a Large-scale Anisotropy in the Arrival Directions of Cosmic Rays above $8 \times 10^{18}$ eV**  
*Auger Coll.*  
DOI: 10.1126/science.aan4338

136. **Inferences on Mass Composition and Tests of Hadronic Interactions from 0.3 to 100 EeV using the water-Cherenkov Detectors of the Pierre Auger Observatory**  
*Auger Coll.*  

137. **A search for low-energy neutrinos correlated with gravitational wave events GW150914, GW151226 and GW170104 with the Borexino detector**  
*Borexino Coll.*  

138. **Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory**  
*ANTARES, ICECUBE, Auger, LIGO, VIRGO Coll.*  
https://doi.org/10.3847/2041-8213/aa9aed

139. **Multi-messenger Observations of a Binary Neutron Star Merger**  
*Auger + n Coll.*  
https://doi.org/10.3847/2041-8213/aa91c9

140. **Calibration of the Logarithmic-Periodic Dipole Antenna (LPDA) Radio Stations at the Pierre Auger Observatory using an Octocopter**  
*Auger Coll.*  

141. **Limiting neutrino magnetic moments with Borexino Phase-II solar neutrino data**  
*Borexino Coll.*  

142. **An Indication of Anisotropy in Arrival Directions of Ultra-high-energy Cosmic Rays through Comparison to the Flux Pattern of Extragalactic Gamma-Ray Sources**  
*Auger Coll.*  

143. **Fabrication of unquenched, liquid scintillator-based, high-activity $^{222}$Rn calibration sources for the Borexino detector**  
*David Bravo Beruguio, Lino Miramonti, Paolo Cavalcante, Vincenzo Roca, Robert Vogelaar, Steven Hardy*  
https://doi.org/10.1016/j.nima.2017.10.015
144. The Monte Carlo simulation of the Borexino detector
   *Borexino Coll.*

145. Charge reconstruction in large-area photomultipliers
   *JUNO Italia short autor list*
   *Journal of Instrumentation (JINST)* 13, February 2018.
   [https://doi.org/10.1088/1748-0221/13/02/P02008](https://doi.org/10.1088/1748-0221/13/02/P02008)

146. Lorentz Invariance Violation effects on UHECR propagation: A geometrized approach
   *Marco Danilo Claudio Torri, Stefano Bertini, Marco Giammarchi, Lino Miramonti*
   *Journal of High Energy Astrophysics Volume 18, June 2018, Pages 5-14*
   [https://doi.org/10.1016/j.jheap.2018.01.001](https://doi.org/10.1016/j.jheap.2018.01.001)

147. Neutrino oscillations and Lorentz Invariance Violation in a Finslerian Geometrical model
   *Vito Antonelli, Lino Miramonti, Marco Danilo Claudio Torri*
   [https://doi.org/10.1140/epjc/s10052-018-6124-2](https://doi.org/10.1140/epjc/s10052-018-6124-2)

148. Comprehensive measurement of pp-chain solar neutrinos
   *Borexino Coll.*

149. Observation of inclined EeV air showers with the radio detector of the Pierre Auger Observatory
   *Auger Coll.*
   [https://doi.org/10.1088/1475-7516/2018/10/026](https://doi.org/10.1088/1475-7516/2018/10/026)

150. Large-scale cosmic-ray anisotropies above 4 EeV measured by the Pierre Auger Observatory
   *Auger Coll.*

151. Observation of 1598 Elves above South America by the Pierre Auger Cosmic Ray Observatory
   *Auger Coll.*
   to be submitted to

152. GIGJ: a crustal gravity model of the Guangdong Province for predicting the geoneutrino signal at the JUNO experiment
   *JUNO Italia short autor list*
   submitted

153. Distillation and stripping pilot plants for the JUNO neutrino detector: design, operations and reliability
JUNO Italia short autor list
summitted to NIM A

154. Measurement of the average shape of longitudinal profiles of cosmic ray air-showers at the Pierre Auger Observatory
   Auger Coll.
   to be summitted (to JCAP?)

155. Modulations of the Cosmic Muon Signal in Ten Years of Borexino Data
   Borexino Coll.
   Prepared for submission to JCAP

156. Data driven estimation of the invisible energy of cosmic ray showers with the Pierre Auger Observatory
   Auger Coll.
   to be summitted
Lavori a stampa (Note interne, Reports, Dispense, Articoli Divulgativi ecc.)

1. Misure di basse attività gamma con applicazione al decadimento beta doppio su livelli eccitati del nucleo figlio.

2. Recherche des WIMP’s du halo galactique dans l’expérience EDELWEISS: Etude du bas bruit radioactive et mesures a l’aide de bolomètres a double détection ionisation/chaleur
   Università D’Orsay - Paris XI. DAPNIA/SPP 99/1006.

3. Misure in campo di radioattività ambientale nella regione del Gran Sasso d’Italia
   Published as internal note N.162 at Consorzio di Ricerca del Gran Sasso dell’ INFN I-67010 Assergi Italia.

4. Le spectromètre germanium EDELWEISS
   Published in BIU n. 62 - may 1998 at Laboratoire Souterrain de Modane IN2P3/DAPNIA, 90 rue Polset F-73500 Modane France.

5. Développement d’un banc de test (β,X,γ) à bas seuil d’énergie dans le cadre de l’expérience EDELWEISS
   Published in BIU n. 63 - june 1998 at Laboratoire Souterrain de Modane IN2P3/DAPNIA, 90 rue Polset F-73500 Modane France.

6. Banc de test pour la détection des rayons bêta: BPS (Beta Plastic Scintillator)
   Published in BIU n. 80 - décembre 1999 at Laboratoire Souterrain de Modane IN2P3/DAPNIA, 90 rue Polset F-73500 Modane France.

7. Estimation of gamma radioactivity induced by the neutron source in the Edelweiss experiment

8. Determination of radiocontaminants in Neutron Transmutation Doped (NTD) thermometers production obtained by irradiation with thermal neutrons

9. Observation and study of light production inside photomultipliers at low energy

10. Test on PC+PPO 1.5 g/l scintillator excited by a 266 nm and 355 nm laser beam.

    LNGS Annual Report 2000 - INFN.
12. Radioattività ed Interazione della radiazione con la materia

13. Edelweiss: Expérience pour la détection des WIMPs en site souterrain

   LNGS Annual Report 2001 - INFN.

15. Study of the radon removal efficiency employing xenon gas as tracer in ICP-Mass Spectroscopy

16. Neutrino. La particella fantasma

17. Introduzione alla teoria della misura

18. Search of the 478 keV gamma peack in CTF from the deexcitation of $^7$Be induced by cosmic neutrons on carbon during the pseudocumene transportation

19. BOREXINO: un rivelatore unico per lo studio dell'oscillazione dei neutrini di bassissima energia

20. Analisi degli errori sperimentali di laboratorio

21. The northern site of the Pierre Auger Observatory

22. Milano-Torino Infill reconstruction and preliminary Spectrum
    Published as Auger Technical and Scientific Notes - GAP2011_100 - (2011).

23. Counting performances of the AMIGA Muon detectors
    Published as Auger Technical and Scientific Notes - GAP2012_032 - (2012).

24. Nature and origin of very high-energy cosmic rays
    Europhysics News 43 3 (2012) 24-27

25. MuScint - An underground Muon Detector for the Beyond 2015 Auger Upgrade
    Published as Auger Technical and Scientific Notes - GAP2013_050 - (2013).
26. Light Sterile Neutrinos: A White Paper

27. L’osservatorio Pierre Auger: una nuova finestra sul vicino Universo
   Notiziario trimestrale Sistema Università UNIMI Anno X. n 41 Settembre - (2013).

28. Pierre Auger Observatory and Telescope Array: Joint Contributions to the 33rd
    International Cosmic Ray Conference (ICRC 2013)
    Proceeding of the 33RD INTERNATIONAL COSMIC RAY CONFERENCE, RIO DE JANEIRO
    2013 THE ASTROPARTICLE PHYSICS CONFERENCE).

29. Il sole studiato in tempo reale col rivelatore di neutrini borexino
   Scienze e Ricerche n. 5, marzo 2015, pp. 97-100

30. JUNO Conceptual Design Report
    JUNO Coll.
    arXiv:1508.07166
1. Search for inclusive double beta decay of $^{150}$Nd to excited states of $^{150}$Sm at Laboratori Nazionali del Gran Sasso

*Proceedings of the 4th International Workshop on Theoretical and Phenomenological Aspect of Underground Physics (TAUP 95), Toledo, Spain, 17-21 September 1995.*


2. Status report of the EDELWEISS Experiment

*VIIIth RENCONTRES DE BLOIS - NEUTRINOS, DARK MATTER AND THE UNIVERSE - Château de Blois 41000, Blois, France June 8-12, 1996.*


3. EDELWEISS: Un bolomètre a double détection ionisation/chaleur pour la recherche des WIMP’s du halo galactique

*3ème Ecole d’Automne Aussois - 24 - 29 November 1996 Aussois, France.*

Published in the CNRS/CEA yellow report, Gif-sur-Yvette France.

4. Dark matter search using a 70g Germanium bolometer in the Fréjus Underground Laboratory

*Proceedings of the 7th International Workshop on LOW TEMPERATURE DETECTORS - LTD-7, 27 July - 2 August 1997, Munich, Germany.*

Published by the Max Planck Institute of Physics, Föhringer Ring 6 D-80805 Munich, Germany. ISBN 3-00-002266-X.

5. The Neganov-Luke effect in a 70g double detection Germanium bolometer

*Proceedings of the 7th International Workshop on LOW TEMPERATURE DETECTORS - LTD-7, 27 July - 2 August 1997, Munich, Germany.*

Published by the Max Planck Institute of Physics, Föhringer Ring 6 D-80805 Munich, Germany. ISBN 3-00-002266-X.

6. Low radioactivity background in bolometer detectors for Dark Matters search

*Proceedings of the 5th Neuchatel workshop on experimental problems in low count rate, low energy particle physics. Neuchatel, Switzerland (June 1997)*

http://neiphsg2.unine.ch/workshop.html

7. MonteCarlo background radioactivity simulation in a 70g double detection germanium bolometer

*Journées Scientifiques du Département d'Astrophysique, de Physique des Particules, de Physique Nucléaire et de l'Instrumentation Associée. Keravel, France (March 1998)*

Published in the CNRS/CEA yellow report, Gif-sur-Yvette France.

8. Status of the EDELWEISS experiment

*Proceedings of the 5th International Workshop on Theoretical and Phenomenological Aspect of Underground Physics (TAUP 97), Laboratori Nazionali del Gran Sasso, Italy, 7-11 September 1997.*

9. 70g heat-ionisation bolometer for Dark Matter at Laboratoire Souterrain de Modane
   Proceeding of the GDR-Supersymétrie General Meeting. April 1998 Montpellier, France.
   http://www.lpm.univ-montp2.fr/ gdr

10. Dark matter search using an ionization/heat bolometer in the Fréjus Underground Laboratory
    Proceeding of Theoretical and observational cosmology - NATO advanced study institute (17 - 29
    Published by the Institut d’études scientifiques de Cargèse - NATO advanced study institute

11. Status of the EDELWEISS experiment
    Proceedings of the 6th International Workshop on Theoretical and Phenomenological Aspect of
        Underground Physics (TAUP 99), Collège de France - Paris, France, 6-10 September 1999.

12. Dark matter search in the EDELWEISS experiment
    Published in World Scientific. Astro-ph/0101204.

13. Preliminary results of the Edelweiss experiment
    Proceedings of the 2nd International Workshop of the Identification of Dark Matter 98, Buxton,

14. The Edelweiss experiment at Fréjus underground laboratory
    Journées scientifiques du DAPNIA, 30 March 1 April 1998, Karavel France.
    Compte-Rendues des Journées scientifiques du DAPNIA.

15. Status of the Edelweiss experiment
    Proceeding at the 4th International Symposium sponsored by UCLA on Sources and Detection of
        Dark Matter in the Universe. 23-25 February 2000, Marina del Rey, CA USA.
    Published in CERN libraries LYCEN 2000/45 May 2000.

16. The Edelweiss experiment: Status and Outlook
    Proceeding at the 3th International conference on Dark Matter in Astro and Particle Physics

17. Borexino
    Proceeding of the 2nd International Workshop on Low Energy Solar Neutrinos Detection. Tokyo,
        Japan 4-5 December 2000.
    Published in World Scientific January 2002. ISBN 981-02-4851-2, pp. 47-56. Edited by Y.Suzuki,
        M.Nakahata, S.Moriyama.

18. Interpretation of anomalous NaI events
    Published as Proceeding at the 4th International Symposium sponsored by UCLA on Sources and
        Detection of Dark Matter in the Universe. 23-25 February 2000, Marina del Rey, CA USA
19. Status report of Borexino experiment
Proceeding at the 3rd International workshop on Neutrino Factories based on Muon Storage Rings (NUFACT01), 24-30 May 2001 Tsukuba, Japan.


21. Neutrinos and (Anti)neutrinos from Supernovae and from the Earth in the Borexino detector
Proceedings of the 1st Yamada Symposium on Neutrinos and Dark Matter in Nuclear Physics June 9-14, 2003, Nara Japan

22. European underground facilities. An overview

23. Non-accelerator astroparticle physics: Borexino and ICARUS experiments
Highlight in physics 2005 - 11-14 October 2005 Milano Italy.
Annual report of Physics Dept. of the Milano University (2006).

24. Geoneutrinos detection at Gran Sasso National Laboratory

25. Geoneutrinos in Borexino
Proceedings of the International Conference Neutrino Geophysics, Honolulu, Hawaii USA, 14-16 December 2005

26. Borexino
Proceedings of the XXII International Conference on Neutrino Physics and Astrophysics. Santa Fe, New Mexico USA, June 13-19, 2006
https://doi.org/10.1016/j.nuclphysbps.2011.10.023

27. Solar neutrino detection
28. Solar neutrinos: from their production to their detection
Proceedings of the 4th School on Cosmic Rays and Astrophysics. Sao Paolo - Brazil, August 25 - September 4, 2010
PoS - Proceedings of Science, CRA School 030 (2010).

29. Nuclear physics for geo-neutrino studies
Proceedings of the Neutrino Geoscience 2010. LNGS - Italy, October 6-8 2010
http://geoscience.lngs.infn.it/Program/Pdf_presentations/Miramonti.pdf

30. Lifetimes of $^{214}$Po and $^{212}$Po measured with Counting Test Facility at Gran Sasso National Laboratory
http://inco.mangaloreuniversity.ac.in/
Journal of Environmental Radioactivity 138 (2014) 444-446

31. Solar neutrino physics: Status and perspectives
Proceedings of XII IFAE - Incontri di Fisica delle Alte Energie Cittadella Universitaria di Monserrato Italy, April 2013
IL NUOVO CIMENTO Vol. 37 C, N. 1

32. Present and Future of Solar neutrino Physics
Proceedings of the XV NEUTRINO TELESCOPES Workshop, Venezia, Italy, March, 2013
PoS - Proceedings of Science, Neutel 064 (2013)

33. Preface: IV Workshop in Low Radioactivity Techniques 2013 (LRT 2013)
Proceedings of the IV Workshop in Low Radioactivity Techniques 2013. LNGS, Assergi Italy, April 10-12, 2013

34. Water purification in Borexino
Proceedings of the IV Workshop in Low Radioactivity Techniques 2013. LNGS, Assergi Italy, April 10-12, 2013

35. Measurements of Ultra High Energy Cosmic Rays with the Pierre Auger Observatory
Published online at http://www.iasfbo.inaf.it/palazzi/Nepal/Nepal2013/

36. Impact on Astrophysics and Elementary Particle Physics of recent and future Solar Neutrino data
Proceedings of the 14th ICATPP Conference on Astroparticle, Particle, Space Physics and Detectors for Physics Applications. Villa Olmo, Italy, September, 2013
37. **Geo-neutrinos from 1353 days with the Borexino detector**  
*Proceedings of the 13th International Conference on Topics in Astroparticle and Underground Physics (TAUP 2013). Asilomar, California USA, September, 2013*  

38. **Measurement of geo-neutrinos detected in the Borexino experiment at the Laboratory Nazionali del Grasso**  
*Proceedings of the XXVI Conference on Neutrino Physics and Astrophysics (Neutrino 2014). Boston, Massachusetts USA, June, 2014*  
https://indico.fnal.gov/contributionDisplay.py?contribId=12&sessionId=29&confId=8022  

39. **Achievements in solar neutrino physics with the Borexino detector**  

40. **Status and potentialities of the JUNO experiment**  
*Proceedings of the XVII NEUTRINO TELESCOPES Workshop, Venezia, Italy, February, 2017*  
PoS - Proceedings of Science, Neutel 056 (2017)

41. **Neutrino Physics and Astrophysics with the JUNO Detector**  
*Published in the MDPI Universe - Open Access Journal of Theoretical Physics, following a peer review of contributions. A Special Issue "Selected Papers from the 7th International Conference on New Frontiers in Physics (ICNFP 2018)". 4-12 July 2018, Kolymbari, Crete*  
Universe 2018, 4(11), 126; https://doi.org/10.3390/universe4110126

42. **Solar Neutrinos Spectroscopy with Borexino Phase-II**  
*Published in the MDPI Universe - Open Access Journal of Theoretical Physics, following a peer review of contributions. A Special Issue "Selected Papers from the 7th International Conference on New Frontiers in Physics (ICNFP 2018)". 4-12 July 2018, Kolymbari, Crete*  
Universe 2018, 4(11), 118; https://doi.org/10.3390/universe4110118

43. **Recent results of solar pp-neutrino flux with the Borexino detector**  
Will be Published electronically through SLAC’s eCONF archive