

PIERO GALEOTTI

ELENCO DELLE PUBBLICAZIONI

- A - Pubblicazioni su riviste internazionali
- B - Libri o dispense
- C - International Cosmic Ray Conferences
(Proceedings di Conferenze con referee internazionali)
- D - Proceedings di Conferenze internazionali
- E - Pubblicazioni su riviste nazionali
- F - Atti di Congressi nazionali
- G - Rapporti interni
- H – Proposte di esperimento

A - PUBBLICAZIONI SU RIVISTE INTERNAZIONALI

1968

- A 1** ELEMENTI SPETTROSCOPICI DELLA BINARIA β AURIGAE
Mem. S.A.It., 39, 269, 1968
(con G.Guerrero)
- A 2** ELEMENTI SPETTROSCOPICI DEL SISTEMA λ TAURI
Rend. Accad. Naz. Lincei, 44, 306, 1968
(con C.Casini, G.Guerrero)
- A 3** RADIAL VELOCITIES OF σ ANDROMEDAE FROM 1961 TO 1966
Rend. Accad. Naz. Lincei, 45, 39, 1968
(con L.Pasinetti)

1970

- A 4** THE ECLIPSING TRIPLE SYSTEM VV ORIONIS
Mem. S.A.It., 41, 167, 1970
(con G.Beltrami)
- A 5** A SPECTROGRAPHIC STUDY OF R CANIS MAJORIS
Astrophys. Space Science, 7, 87, 1970
- A 6** SPECTROGRAPHIC OBSERVATIONS OF NOVA DELPHINI 1967
Mem. S.A.It., 41, 47, 1970
(con L.Pasinetti)
- A 7** THE CLUSTER h AND χ PERSEI AND THE PROBLEM OF ν EMISSION
Astrophys. Space Sci., 9, 181, 1970
(con A.Ferrari, G.Silvestro, E.Trussoni)
- A 8** STELLAR MODELS FOR MASSIVE RED SUPERGIANTS IN THE CLUSTER h AND χ PERSEI
Mem. S.A.It., 41, 425, 1970
(con A.Ferrari, G.Silvestro, E.Trussoni)

1971

- A 9** ON THE EXISTENCE OF DIFFERENT POPULATIONS IN THE CLUSTER h AND χ PERSEI
Rend. Accad. Naz. Lincei, 51, 158, 1971
(con G.Silvestro, E.Trussoni)

1972

- A 10** A SPECTRAL ANALYSIS OF κ PISCUM
Mem. S.A.It., 43, 759, 1972
(con E.Lovera)

1974

- A 11** URANIUM IN HR 8911
Nature, 249, 130, 1974
(con E.Lovera)
- A 12** EVIDENCE FOR R-PROCESS ELEMENTS IN HR 8911
Astrophys. Space Science, 31, 193, 1974

1978

- A 13 NEUTRINO BURSTS AND GRAVITATIONAL WAVE EXPERIMENTS**
Astrophys. Space Science, 55, 511, 1978
(con C.Castagnoli, O.Saavedra)

1980

- A 14 TIME DISTRIBUTION OF MUONS WITH $E > 4 \cdot 10^{12}$ EV**
Lett. Nuovo Cim., 28, 93, 1980
(con G.Badino, L.Periale, O.Saavedra)

1981

- A 15 THE EFFECT OF WAVELENGTH SHIFTERS ON WATER CERENKOV DETECTORS**
Nuclear Instr. and Methods, 185, 587, 1981
(con G.Badino, L.Periale, O.Saavedra, A.Turtelli)
- A 16 A STATISTICAL ANALYSIS OF METALLICITY IN SPIRAL GALAXIES**
Astrophys. Space Science, 75, 511, 1981

1982

- A 17 TIME DISTRIBUTION OF MUON PAIRS DETECTED AT 40 M.W.E.**
Lett. Nuovo Cim., 34, 529, 1982
(con G.Badino, M.Dardo, W.Fulgione, L.Periale, O.Saavedra)

1983

- A 18 NUCLEON STABILITY, MAGNETIC MONOPOLES AND ATMOSPHERIC NEUTRINOS IN THE MONT BLANC NUSEX EXPERIMENT**
Physics Letters, 133B, 454, 1983
(Coll. NUSEX)

1984

- A 19 THE 90 TONS LIQUID SCINTILLATOR DETECTOR OF THE MONT BLANC LABORATORY**
Nuovo Cim., 7C, 573, 1984
(Coll. LSD)

1985

- A 20 PRIMARY COSMIC RAY SPECTRUM AT ENERGIES 10^{13} - 10^{16} EV FROM MULTIPLE MUONS**
Nuovo Cim., 8C, 76, 1985
(Coll. NUSEX)
- A 21 HIGH-ENERGY NEUTRINO ASTRONOMY WITH SMALL UNDERGROUND DETECTORS**
Nuovo Cim., 8C, 185, 1985
(con V.S.Berezinsky, C.Castagnoli)
- A 22 BOUNDS ON THE NEUTRINO MASS FROM THE DARK MATTER IN THE UNIVERSE**
Nuovo Cim., 8C, 450, 1985
(con C.Castagnoli)
- A 23 OBSERVATION OF A TIME MODULATED MUON FLUX IN THE DIRECTION OF CYG X-3**
Physics Letters, 155B, 465, 1985
(Coll. NUSEX)
- A 24 HIGH-ENERGY NEUTRINOS FROM CYGNUS X-3**
Astrophys. Journal, 301, 235, 1986
(con V.S.Berezinsky, C.Castagnoli)

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- A 25** **CONTAINED EVENTS IN THE MONT BLANC NUCLEON STABILITY EXPERIMENT**
Nuovo Cim., 9C, 182, 1986
(Coll. NUSEX)
- A 26** **RESULTS OF THE LIQUID SCINTILLATION DETECTOR OF THE MT. BLANC LABORATORY**
Nuovo Cim., 9C, 185, 1986
(Coll. LSD)
- A 27** **COSMIC MUON RESULTS FROM THE NUSEX EXPERIMENT**
Nuovo Cim., 9C, 196, 1986
(Coll. NUSEX)
- A 28** **THE LARGE VOLUME DETECTOR (LVD) OF THE GRAN SASSO LABORATORY**
Nuovo Cim., 9C, 237, 1986
(Coll. LVD)
- A 29** **HIGH ENERGY COSMIC RAY PHYSICS WITH AN EAS ARRAY ON GRAN SASSO**
Nuovo Cim., 9C, 262, 1986
(Coll. EAS-TOP)
- A 30** **LOW-ENERGY NEUTRAL PARTICLE DETECTION IN THE LSD EXPERIMENT**
Nuovo Cim., 9C, 271, 1986
(Coll. LSD)
- A 31** **LIMIT ON MONOPOLE FLUX IN THE MONT BLANC NUSEX EXPERIMENT**
Nuovo Cim., 9C, 551, 1986
(Coll. NUSEX)
- A 32** **MONOPOLE SEARCH WITH THE MONT BLANC LSD EXPERIMENT**
Nuovo Cim., 9C, 588, 1986
(Coll. LSD)

1987

- A 33** **ON THE EVENT OBSERVED IN THE MT BLANC NEUTRINO OBSERVATORY DURING SUPERNOVA 1987A**
Europhys. Letters, 3, 1315, 1987
(Coll. LSD)
- A 34** **COMMENTS ON THE TWO EVENTS OBSERVED IN NEUTRINO DETECTORS DURING THE SUPERNOVA 1987A OUTBURST**
Europhys. Letters, 3, 1321, 1987
(Coll. LSD)
- A 35** **PROMPT-MUON PRODUCTION IN COSMIC RAYS**
Nuovo Cim., 10C, 465, 1987
(con W.Fulgione, O.Saavedra, L.V.Volkova)
- A 36** **NEUTRINO OBSERVATIONS FROM SUPERNOVA 1987A**
Helvetica Physica Acta, 60, 619, 1987
(Coll. LSD)
- A 37** **DETECTION OF A RARE EVENT ON FEBRUARY 23, 1987, BY THE NEUTRINO RADIATION DETECTOR UNDER MONT BLANC**
JETP Letters, 45, 593, 1987
(Coll. LSD)

1988

- A 38 EXPECTED RATE OF ν BURSTS FROM COLLAPSING STARS IN OUR GALAXY AND THE LMC**
Astron. Astrophys., 190, 69, 1988
(con C.M.Raiteri)
- A 39 LVD AT GRAN SASSO**
Nuclear Instr. and Methods, A264, 5, 1988
(Coll. LVD)
- A 40 ANTINEUTRINO BACKGROUND FROM STELLAR COLLAPSES IN THE PAST EVOLUTION OF THE UNIVERSE**
Astrophys. Lett. and Comm., 27, 49, 1988
(con C.M.Raiteri)
- A 41 ON THE POSSIBILITY OF A TWO BANGS SUPERNOVA COLLAPSE**
Nuovo Cim., 11C, 287, 1988,
(con V.S.Berezinsky, C.Castagnoli, V.I.Dokuchaev)
- A 42 ON THE NEUTRINO BURST FROM SN 1987A DETECTED IN THE LSD EXPERIMENT**
Nuclear Phys. B, Suppl. 3, 453, 1988
(Coll. LSD)
- A 43 THE SIGNAL RECORDED BY THE MONT BLANC UNDERGROUND NEUTRINO DETECTOR ON FEBRUARY 23th 1987**
Soviet Astron. Lett., 14, 1, 1988
(Coll. LSD)

1989

- A 44 ANALYSIS OF THE DATA RECORDED IN THE MT. BLANC NEUTRINO DETECTOR AND BY THE MARYLAND AND ROME GRAVITATIONAL WAVE DETECTORS DURING SN 1987A**
Nuovo Cim., 12C, 75, 1989
(Coll. Rome, Maryland, Moscow, Torino)
- A 45 EXPERIMENTAL STUDY OF ATMOSPHERIC NEUTRINOS IN THE NUSEX EXPERIMENT**
Europhys. Letters, 8, 611, 1989
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- A 46 NEUTRON FLUX GENERATED BY COSMIC-RAY MUONS AT 5200 HG/CM² SR UNDERGROUND**
Nuovo Cim., 12C, 467, 1989
(Coll. LSD)
- A 47 THE EAS-TOP ARRAY AT $E = 10^{14} - 10^{16}$ EV: STABILITY AND RESOLUTIONS**
Nuclear Instr. and Methods, A277, 23, 1989
(Coll. EAS-TOP)
- A 48 THE LARGE VOLUME DETECTOR (LVD) AT GRAN SASSO**
Nuclear Instr. and Methods, A277, 11, 1989
(Coll. LVD)

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- A 49 HAS PULSAR IN SN 1987A AN ULTRA DENSE COMPANION?**
Nuclear Physics B, Suppl. 14, 101, 1990
(con C.Castagnoli)

- A 50 SEARCH FOR NEUTRINO OSCILLATIONS WITH THE LVD LIQUID SCINTILLATOR**
Nuclear Physics B, Suppl. 14, 157, 1990
 (con W.Fulgione, L.Panaro, G.Trinchero)
- A 51 A STUDY OF THE LSD-2 EXPERIMENTAL BACKGROUND**
Nuclear Physics B, Suppl. 14, 205, 1990
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- A 52 PRIMARY COSMIC RAY COMPOSITION IN THE 10^{13} - 10^{17} EV FROM THE ANALYSIS OF MULTIPLE MUON EVENTS IN THE NUSEX EXPERIMENT**
Nuclear Physics B, Suppl. 14, 193, 1990
 (Coll. NUSEX)
- A 53 OBSERVATION OF EXCESS MUON EVENTS FROM THE DIRECTION OF CYGNUS X-3 IN THE NUSEX EXPERIMENT**
Nuclear Physics B, Suppl. 14, 211, 1990
 (Coll. NUSEX)
- A 54 THE EAS-TOP ARRAY AT GRAN SASSO: RESULTS OF THE ELECTROMAGNETIC DETECTOR**
Nuclear Physics B, Suppl. 16, 493, 1990
 (Coll. EAS-TOP)
- A 55 SIMULTANEOUS OBSERVATION OF COSMIC RAY SHOWERS AND UNDERGROUND MUONS AT GRAN SASSO**
Nuclear Physics B, Suppl. 16, 495, 1990
 (Coll. EAS-TOP)
- A 56 NEUTRINO ASTROPHYSICS AND SN 1987A**
Nuovo Cim., 13C, 365, 1990
 (Coll. LSD)
- A 57 THE EAS-TOP DETECTOR AT GRAN SASSO**
Nuovo Cim., 13C, 353, 1990
 (Coll. EAS-TOP)
- A 58 SIMULTANEOUS OBSERVATION OF EXTENSIVE AIR SHOWER AND DEEP UNDERGROUND MUONS AT THE GRAN SASSO LABORATORY**
Physical Review D, 42, 1396, 1990
 (Coll. EAS-TOP, MACRO)
- A 59 MASS-SAT: MATTER-ANTIMATTER SPACE SPECTROMETER ON SATELLITE**
Nuovo Cim., 105B, 779, 1990
 (Coll. WiZard)

1991

- A 60 COINCIDENCES AMONG THE DATA RECORDED BY THE BAKSAN, KAMIOKA AND MONT BLANC UNDERGROUND NEUTRINO DETECTORS, AND THE MARYLAND AND ROME GRAVITATIONAL WAVE DETECTORS DURING SN 1987A**
Nuovo Cim., 14C, 171, 1991
 (Coll. Torino, Maryland, Roma)
- A 61 SEARCH FOR ν_{μ} AND ν_{τ} SUPERNOVA NEUTRINOS WITH MASSIVE LIQUID SCINTILLATION DETECTORS**
Nuovo Cim., 14C, 631, 1991
 (con P.Antonioli, W.Fulgione, L.Panaro)
- A 62 EXPERIMENTAL STUDY OF UPWARD STOPPING MUONS IN NUSEX**
Europhys. Lett., 15, 559, 1991

(Coll. NUSEX)

- A 63 SIMULATION OF LOW-ENERGY ν INTERACTIONS IN LIQUID SCINTILLATION COUNTERS**
Nuclear Instr. and Methods, A309, 569, 1991
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- A 64 DETECTION OF THE UHE BURST FROM THE CRAB NEBULA ON FEBRUARY 23, 1989, FROM THE EAS-TOP ARRAY**
Europhysics Lett., 15, 81, 1991
(Coll. EAS-TOP)
- A 65 LARGE SOLAR FLARES: ANALYSIS OF THE EVENTS RECORDED BY THE MONT BLANC NEUTRINO DETECTOR**
The Astrophys. J., 382, 344, 1991
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- A 66 CORRELATION BETWEEN THE MARYLAND AND ROME GRAVITATIONAL-WAVE DETECTORS AND THE MONT BLANC, KAMIOKA AND IMB PARTICLE DETECTORS DURING SN1987A**
Nuovo Cim., 106B, 1257, 1991
(Coll. Torino, Maryland, Roma)

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- A 67 STUDY OF THE LOW ENERGY BACKGROUND RADIATION AND THE EFFECT OF THE ^{222}Rn IN LSD**
Nuclear Phys. B, 28A, 430, 1992
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- A 68 A SIMPLE MULTIFRACTAL MODEL OF NONLINEAR GRAVITATIONAL CLUSTERING**
The Astrophys. J., 401, 455, 1992
(con A.Provenzale, G.Murante, B.Villone)
- A 69 LIMITS ON LOW ENERGY NEUTRINO FLUXES WITH THE MONT BLANC LSD DETECTOR**
Astroparticle Physics, 1, 1, 1992
(Coll. LSD)
- A 70 SEARCH FOR 100 TEV γ -RAY EMISSION FROM THE GALACTIC DISC**
The Astrophys. J., 397, 148, 1992
(Coll. EAS-TOP)
- A 71 IMAGING OF ATMOSPHERIC EAS CERENKOV LIGHT AT EAS-TOP**
Nuovo Cim., 15C, 357, 1992
(Coll. EAS-TOP)
- A 72 SEARCH FOR COSMIC γ -RAY BURSTS IN THE 1-50 GEV ENERGY RANGE**
Nuovo Cim., 15C, 441, 1992
(Coll. EAS-TOP)
- A 73 EAS-TOP: LATERAL AND TEMPORAL CHARACTERISTICS OF EXTENSIVE AIR SHOWERS**
Nuovo Cim., 15C, 713, 1992
(Coll. EAS-TOP)
- A 74 EAS-TOP: RESULTS OF γ -RAY ASTRONOMY AT 10^{14} EV**
Nuovo Cim., 15C, 723, 1992
(Coll. EAS-TOP)
- A 75 THE EAS-TOP CALORIMETER**
Nuovo Cim., 15C, 735, 1992
(Coll. EAS-TOP)
- A 76 THE MOST POWERFUL SCINTILLATOR SUPERNOVA NEUTRINO DETECTOR: LVD**
Nuovo Cim., 105A, 1793, 1992

(Coll. LVD)

- A 77 EAS CERENKOV AT GRAN SASSO: CORRELATED OBSERVATIONS AT SURFACE AND WITH DEEP UNDERGROUND EVENTS**
Nuovo Cim., 105A, 1807, 1992
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- A 78 FIRST OBSERVATION OF HE COSMIC RAYS IN COINCIDENCE BETWEEN EAS-TOP AND LVD**
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- A 79 CORRELATION BETWEEN LOW AND HIGH ENERGY PULSES DETECTED BY THE LSD INSTALLATION UNDER MONT BLANC FROM 10 FEBRUARY UNTIL 1 JULY 1987**
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- A 80 MEASUREMENT OF ELECTROMAGNETIC AND TEV MUON COMPONENT OF EXTENSIVE AIR SHOWER BY EAS AND MACRO EXPERIMENTS**
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1993

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- A 83 U.H.E. COSMIC RAY EVENT RECONSTRUCTION BY THE E.M. DETECTOR OF EAS-TOP**
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- A84 THE EAS-TOP ATMOSPHERIC CERENKOV LIGHT TELESCOPE AND ITS COMBINED OPERATION WITH THE ELECTROMAGNETIC DETECTOR**
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1994

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(Coll. LVD)
- A 86 THE LIMIT TO THE UHE EXTRATERRESTRIAL NEUTRINO FLUX FROM THE OBSERVATIONS OF HORIZONTAL AIR SHOWERS AT EAS-TOP**
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(Coll. EAS-TOP)
- A 87 MULTICOMPONENT EAS OBSERVATION FROM EAS-TOP AND LVD AT GRAN SASSO**
Nuclear Phys. B, 35, 259, 1994
(Coll. EAS-TOP LVD)
- A 88 SEARCH FOR FRACTIONALLY CHARGE PARTICLES IN THE MT. BLANC LSD DETECTOR**
Astroparticle Phys., 2, 29, 1994
(Coll. LSD)
- A 89 MULTIPLE MUON EVENTS OBSERVED IN THE LVD EXPERIMENT**
Nuclear Phys. B, 35, 243, 1994

(Coll. LVD)

- A 90 STUDY OF THE PRIMARY COSMIC RAY COMPOSITION AROUND THE KNEE OF THE ENERGY SPECTRUM**
Physics Letters B, 337, 376, 1994
(Coll. EAS-TOP MACRO)
- A 91 EXPERIMENTAL EAS DATA RELEVANT TO UNDERGROUND PHYSICS: THE EAS SIZE SPECTRUM AND THE RATE OF HAS AS A LIMIT TO THE ASTROPHYSICAL ν FLUX**
Nuclear Phys. B, 35, 254, 1994
(Coll. EAS-TOP)
- A 92 SINGLE MUONS IN THE LARGE VOLUME DETECTOR**
Nuclear Phys. B, 35, 240, 1994
(Coll. LVD)
- A 93 SEARCH FOR NEUTRINOS FROM COLLAPSING STARS WITH THE LVD AT GRAN SASSO**
Nuclear Phys. B, 35, 267, 1994
(Coll. LVD)
- A 94 STUDY OF THE COSMIC RAY PRIMARY COMPOSITION AT $E_0 = 1000$ TEV BY EAS-TOP AND MACRO AT GRAN SASSO**
Nuclear Phys. B, 35, 257, 1994
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- A 95 PRESENT STATUS OF THE LVD EXPERIMENT AT GRAN SASSO LABORATORY**
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- A 96 NEUTRINO INDUCED AND ATMOSPHERIC SINGLE MUON FLUXES MEASURED OVER FIVE DECADES OF INTENSITY BY LVD AT GRAN SASSO LABORATORY**
Astroparticle Phys., 3, 311, 1995
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- A 97 RESULTS ON CANDIDATE UHE γ -RAY SOURCES BY THE EAS-TOP ARRAY (1989-1993)**
Astroparticle Phys., 3, 1, 1995
(Coll. EAS-TOP)
- A 98 THE LVD EXPERIMENT AT GRAN SASSO**
Nuovo Cim., 18C, 628, 1995
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- A 99 SEARCH FOR GAMMA RAY BURSTS OF ENERGY $E_\gamma > 10$ GEV AND $E_\gamma > 100$ TEV IN CORRELATION WITH BATSE EVENTS**
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(Coll. EAS-TOP)
- A 100 SEARCH FOR LOW-ENERGY $\nu_{e,\mu,\tau}$ AND $\bar{\nu}_{e,\mu,\tau}$ IN COINCIDENCE WITH BATSE γ RAY BURSTS**
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- A 101 LARGE P_T PHYSICS WITH COSMIC RAY EVENTS**
Nuovo Cim., 18C, 663, 1995
(Coll. EAS-TOP)
- A 102 LOW-ENERGY $\nu_{e,\mu,\tau}$ AND $\bar{\nu}_{e,\mu,\tau}$ IN COINCIDENCE WITH BATSE γ -RAY BURSTS**
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1996

- A 103 SEARCH FOR CHAOTIC FEATURES IN THE ARRIVAL TIME OF AIR SHOWERS**
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- A 105 SEARCH FOR γ -RAY BURSTS AT PHOTON ENERGIES $E_0 > 10$ GEV AND $E_0 > 80$ TEV**
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- A 106 MEASUREMENT OF THE SOLAR AND SIDERAL COSMIC RAY ANISOTROPY AT 10^{14} eV**
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(Coll. EAS-TOP)
- A 107 A LIMIT TO THE RATE OF ULTRA HIGH ENERGY γ -RAYS IN PRIMARY COSMIC RADIATION**
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- A 108 STUDY OF THE PRIMARY COSMIC RAY COMPOSITION AROUND 1000 TEV WITH EAS-TOP AND MACRO**
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- A 109 RESULTS ON HIGH ENERGY COSMIC RAYS BY EAS-TOP AT GRAN SASSO**
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- A 110 COMPARISON OF THE ELECTRON AND MUON DATA IN EAS WITH THE EXPECTATIONS FROM A COSMIC RAY COMPOSITION AND HADRON INTERACTION MODEL**
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(Coll. EAS-TOP)
- A 111 MULTICOMPONENT EXTENSIVE AIR SHOWER OBSERVATIONS AT EAS-TOP**
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- A 112 THE SHAPE OF THE ATMOSPHERIC CERENKOV LIGHT IMAGES FROM EAS**
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(Coll. EAS-TOP)
- A 113 THE LARGE VOLUME DETECTOR AT GRAN SASSO: A SCINTILLATOR DETECTOR TO STUDY GRAVITATIONAL STELLAR COLLAPSES IN OUR GALAXY**
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(Coll. LVD)
- A 114 THE UPPER LIMIT OF THE SOLAR ANTINEUTRINO FLUX IN THE LSD ARRAY**
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1998

- A 115 THE HIGH ENERGY MUON SPECTRUM IN EXTENSIVE AIR SHOWERS: FIRST DATA FROM LVD AND EAS-TOP AT GRAN SASSO**
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1999

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A 119 STUDY OF MARKARIAN 421 IN THE γ -RAY ENERGY RANGE 30 - 100 TEV
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(Coll. EAS-TOP)

A 120 EXPERIMENTAL STUDY OF HADRONIC INTERACTION MODEL USING COINCIDENT DATA FROM EAS-TOP AND MACRO
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(Coll. EAS-TOP MACRO)

A 121 IDENTIFICATION OF LIGHT AND VERY HEAVY COSMIC RAY PRIMARIES AT $E = 10^{15}$ EV FROM SURFACE AND DEEP UNDERGROUND MEASUREMENTS AT THE GRAN SASSO LABORATORY
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A 124 SUPERNOVA NEUTRINO DETECTION WITH LVD
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A 125 THE COSMIC RAY ANISOTROPY AT $E > 100$ GEV
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(Coll. EAS-TOP)

A 126 STUDY OF JET PRODUCTION ON P-N INTERACTIONS AT $s^{1/2} = 500$ GEV IN EAS MULTICORE EVENTS
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A 127 STUDY OF COSMIC RAY COMPOSITION AND INTERACTIONS AT $E = 10 - 100$ TEV FROM THE OBSERVATION OF H.E. MUONS AND ATMOSPHERIC CERENKOV LIGHT IN EAS
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A 128 THE PROTON ATTENUATION LENGTH AND P-AIR CROSS-SECTION AT $s^{1/2} = 2$ TEV FROM THE EAS-TOP EXPERIMENT

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(Coll. EAS-TOP)

A 129 STUDY OF THE KNEE IN THE ELECTRON AND MUON COMPONENTS IN EXTENSIVE AIR SHOWERS

Nuclear Physics A, 75, 1999
(Coll. EAS-TOP)

A 130 SEARCH FOR HIGH ENERGY GRBS WITH EAS-TOP

Astronomy and Astrophysics, Suppl. Ser., 138, 595, 1999
(Coll. EAS-TOP)

A 131 PROMT MUON FLUX DERIVED FROM THE LVD UNDERGROUND EXPERIMENT

Physical Review D, 60, 112, 1999
(Coll. LVD)

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Physics Lett. B, 460, 474, 1999
(Coll. EAS-TOP)

2000

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- B 4** LEZIONI DI CALCOLO DELLE PROBABILITÀ E STATISTICA
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- B 6** L'ASTRONOMIA DEL NEUTRINO
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- B 7** ELEMENTI DI PROBABILITÀ E STATISTICA
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- B 8** L'UOMO E L'UNIVERSO
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- B 9** GAUGE THEORY AND THE EARLY UNIVERSE
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- B 10** TECNICHE NUMERICHE E ANALOGICHE
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- B 11** DARK MATTER IN THE UNIVERSE
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- B 12** I RAGGI COSMICI
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Ed. Treccani, Roma, 1993 (con N.Iucci)
- B 13** LEZIONI DI ASTROFISICA NEUTRINICA
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- B 14** GENERATION OF COSMOLOGICAL LARGE-SCALE STRUCTURE
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C - INTERNATIONAL COSMIC RAY CONFERENCES

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1981 - PARIGI

- C 1 μ -e DECAY INVESTIGATIONS IN THE MONT BLANC LABORATORY
ICRC 17, 7, 187, 1981
con V.L.Dadykin, O.G.Ryazkaya, G.T.Zatsepin, G.Badino, C.Castagnoli, O.Saavedra
- C 2 DISTRIBUTION OF ARRIVAL TIMES OF MUONS WITH $E > 10$ GEV
ICRC 17, 10, 409, 1981
con G.Badino, W.Fulgione, L.Periale, O.Saavedra, M.Dardo

1983 - BANGALORE

- C 3 RESULTS ON NUCLEON DECAY IN THE MONT BLANC NUSEX EXPERIMENT
ICRC 18, 11, 174, 1983
(Collaborazione NUSEX)
- C 4 PRELIMINARY RESULTS ON COSMIC MUONS IN THE MONT BLANC NUSEX EXPERIMENT
ICRC 18, 11, 466, 1983
(Collaborazione NUSEX)

1985 - LA JOLLA

- C 5 OBSERVATION OF AN EXCESS OF COSMIC MUONS OF ENERGIES > 2 TEV FROM CYGNUS X-3
ICRC 19, 1, 62, 1985
(Collaborazione NUSEX)
- C 6 PRIMARY COSMIC RAY SPECTRUM IN THE 10^{13} - 10^{16} EV ENERGY RANGE FROM THE NUSEX EXPERIMENT
ICRC 19, 2, 158, 1985
(Collaborazione NUSEX)
- C 7 RESULTS OF LOW-ENERGY BACKGROUND MEASUREMENTS WITH THE LIQUID SCINTILLATION DETECTOR OF THE MONT BLANC LABORATORY
ICRC 19, 8, 108, 1985
(Collaborazione LSD)
- C 8 THE RESEARCH PROGRAM OF THE MONT BLANC LIQUID SCINTILLATION DETECTOR
ICRC 19, 8, 112, 1985
(Collaborazione LSD)
- C 9 A STANDARD SOURCE FOR HIGH-ENERGY NEUTRINO ASTRONOMY
ICRC 19, 8, 148, 1985
con V.S.Berezinsky, C.Castagnoli
- C 10 A SEARCH FOR COSMIC SOURCES OF HIGH-ENERGY NEUTRINOS WITH SMALL DETECTORS
ICRC 19, 8, 152, 1985
con V.S.Berezinsky, C.Castagnoli
- C 11 NUCLEON DECAY AND ATMOSPHERIC NEUTRINOS IN THE MT. BLANC NUSEX EXPERIMENT
ICRC 19, 8, 271, 1985
(Collaborazione NUSEX)

1987 - MOSCA

- C 12 THE EAS-TOP DETECTOR AT GRAN SASSO: RESULTS FROM THE TEST MODULES
ICRC 20, 2, 454, 1987
(Collaborazione EAS-TOP)

- C 13 THE EVENT OBSERVED IN THE MONT BLANC NEUTRINO OBSERVATORY DURING SN 1987A
ICRC 20, 9, 68, 1987
(Collaborazione LSD)
- C 14 STUDY OF ASTROPHYSICAL NEUTRINOS WITH THE LSD MONT BLANC EXPERIMENT
ICRC 20, 9, 176, 1987
(Collaborazione LSD)
- C 15 SINGLE MUON INTENSITY AND PROMPT MUON CONTRIBUTION AT DEPTHS 5000-10000 HG/CM²
ICRC 20, 9, 195, 1987
(Collaborazione NUSEX)
- C 16 MUON FLUX IN THE NUSEX DETECTOR FROM THE DIRECTION OF CYGNUS X-3
ICRC 20, 9, 202, 1987
(Collaborazione NUSEX)
- C 17 PRESENT STATUS OF LVD AT THE GRAN SASSO LABORATORY
ICRC 20, 9, 221, 1987
(Collaborazione LVD)

1990 - ADELAIDE

- C 18 MEASUREMENTS OF THE TEMPORAL CHARACTERISTICS OF THE SHOWER DISC ANGULAR RESOLUTION OF EAS-TOP
ICRC 21, 4, 338, 1990
(Collaborazione EAS-TOP)
- C 19 STUDY OF UHE γ -RAY SOURCES WITH THE EAS-TOP DETECTOR AT GRAN SASSO
ICRC 21, 2, 345, 1990
(Collaborazione EAS-TOP)
- C 20 STUDY OF THE PRIMARY COSMIC RAYS AT $E_0 = 10^{13} - 10^{16}$ EV BY SIMULTANEOUS OBSERVATIONS OF EAS AND UNDERGROUND MUONS AT THE GRAN SASSO LABORATORY
ICRC 21, 9, 331, 1990
(Collaborazione EAS-TOP, MACRO)
- C 21 SIMULTANEOUS OBSERVATIONS OF EXTENSIVE AIR SHOWERS AND UNDERGROUND MUONS AT THE GRAN SASSO LABORATORY
ICRC 21, 9, 335, 1990
(Collaborazione MACRO, EAS-TOP)
- C 22 COINCIDENCES AMONG THE DATA RECORDED BY THE BAKSAN, KAMIOKA AND MONT BLANC UNDERGROUND NEUTRINO DETECTORS, AND BY THE MARYLAND AND ROME GRAVITATIONAL WAVE DETECTORS DURING SN 1987A
ICRC 21, 2, 242, 1990
(Collaborazione LSD)
- C 23 COINCIDENCES AMONG THE DATA RECORDED BY LSD, KAMIOKANDE II AND BAKSAN UNDERGROUND NEUTRINO TELESCOPES DURING SUPERNOVA 1987A
ICRC 21, 2, 246, 1990
(Collaborazione LSD)
- C 24 MEASUREMENTS OF THE NEUTRINO FLUX FROM DIFFUSE SOURCES WITH THE LSD EXPERIMENT AT MONT BLANC
ICRC 21, 10, 48, 1990
(Collaborazione LSD)
- C 25 MEASUREMENTS OF VERY LOW ENERGY PARTICLES ($E > 0.8$ MEV) WITH LSD
ICRC 21, 10, 44, 1990
(Collaborazione LSD)

- C 26 STUDY OF THE NEUTRON FLUX GENERATED BY COSMIC RAY MUONS AT THE DEPTH OF 5200 HG/CM². DEPTH-NEUTRON INTENSITY CURVE
ICRC 21, 9, 382, 1990
(Collaborazione LSD)
- C 27 PRESENT STATUS OF THE DETECTOR LSD2
ICRC 21, 10, 248, 1990
(Collaborazione LSD)
- C 28 OBSERVATION OF EXCESS MUONS FROM THE DIRECTION OF CYGNUS X-3 IN NUSEX
ICRC 21, 9, 388, 1990
(Collaborazione NUSEX)
- C 29 PERFORMANCE OF THE HADRON CALORIMETER OF EAS-TOP AT GRAN SASSO
ICRC 21, 10, 316, 1990
(Collaborazione EAS-TOP)
- C 30 PRIMARY COMPOSITION UP TO 10¹⁷ EV FROM THE ANALYSIS OF MULTIPLE MUONS IN THE NUSEX EXPERIMENT
ICRC 21, 9, 352, 1990
(Collaborazione NUSEX)

1991 – DUBLINO

- C 31 RESULTS IN UHE γ -RAY ASTRONOMY BY EAS-TOP IN 1989-1990
ICRC 22, 1, 277, 1991
(Collaborazione EAS-TOP)
- C 32 SEARCH FOR DIFFUSE γ -RAY EMISSION BY EAS-TOP: GALACTIC DISC AND A SKY SURVEY
ICRC 22, 1, 404, 1991
(Collaborazione EAS-TOP)
- C 33 SEARCH FOR PRIMORDIAL ANTIMATTER WITH ANTARTIC BALLOON FLIGHT
ICRC 22, 2, 173, 1991
(Collaborazione Torino-Tokyo)
- C 34 DETECTION OF THE SHADOW OF THE SUN AND THE MOON ON 100 TEV COSMIC RAYS
ICRC 22, 2, 708, 1991
(Collaborazione EAS-TOP)
- C 35 CORRELATION BETWEEN MUONS AND LOW ENERGY PULSES AT LSD
ICRC 22, 2, 732, 1991
(Collaborazione LSD)
- C 36 SEARCH FOR NEUTRINOS FROM SOLAR FLARES WITH THE MONT BLANC DETECTOR
ICRC 22, 3, 728, 1991
(Collaborazione LSD)
- C 37 EAS-TOP: LATERAL AND TEMPORAL CHARACTERISTICS OF EXTENSIVE AIR SHOWERS
ICRC 22, 4, 323, 1991
(Collaborazione EAS-TOP)
- C 38 PERFORMANCES AND FIRST RESULTS OF THE EAS-TOP CALORIMETER
ICRC 22, 4, 512, 1991
(Collaborazione EAS-TOP)
- C 39 STUDY OF HIGH ENERGY INTERACTIONS OF COSMIC RAY MUONS IN NUSEX
ICRC 22, 4, 548, 1991
(Collaborazione NUSEX)

- C 40 NEUTRINO INTERACTIONS IN THE LSD MONT BLANC DETECTOR
ICRC 22, 4, 630, 1991
(Collaborazione LSD)
- C 41 STATUS AND PERSPECTIVES OF LVD AT GRAN SASSO
ICRC 22, 4, 662, 1991
(Collaborazione LVD)
- C 42 SEARCH FOR STRANGE QUARK MATTER IN GALACTIC COSMIC RAYS
ICRC 22, 4, 742, 1991
(Collaborazione Torino-Tokyo)
- C 43 MEASUREMENTS OF ELECTROMAGNETIC AND TEV MUONS OF EAS BY EAS-TOP AND MACRO
ICRC 22, 4, 563, 1991
(Collaborazione EAS-TOP e MACRO)

1993 - CALGARY

- C 44 SEARCH FOR FRACTIONALLY CHARGED PARTICLES IN THE MT.BLANC LSD DETECTOR
ICRC 23, 1993
(Collaborazione LSD)
- C45 SEARCH FOR LOW ENERGY NEUTRINOS IN CORRELATION WITH γ -RAY BURSTS
ICRC 23, 1993
(Collaborazione LSD)
- C 46 SURFACE AND DEEP UNDERGROUND OBSERVATIONS OF EXTENSIVE AIR SHOWERS
ICRC 23, 1993
(Collaborazioni EAS-TOP e LVD)
- C 47 CONSTRAINTS ON THE PEV COSMIC RAY COMPOSITION AND INTERACTION MODELS FROM COINCIDENT EAS-TOP AND MACRO DATA
ICRC 23, 1993
(Collaborazioni EAS-TOP e MACRO)
- C 48 SEARCH FOR >10 GEV AND >80 TEV COSMIC GAMMA RAY BURSTS
ICRC 23, 1993
(Collaborazione EAS-TOP)
- C 49 OBSERVATION OF HIGH ENERGY HADRONS IN THE EAS-TOP CALORIMETER
ICRC 23, 1993
(Collaborazione EAS-TOP)
- C 50 STUDY OF HORIZONTAL AIR SHOWERS FROM EAS-TOP
ICRC 23, 1993
(Collaborazione EAS-TOP)
- C 51 A STUDY OF GEMINGA AT 100 TEV FROM EAS-TOP
ICRC 23, 1993
(Collaborazione EAS-TOP)
- C 52 U.H.E. γ -RAY ASTRONOMY WITH THE EAS-TOP ARRAY
ICRC 23, 1993
(Collaborazione EAS-TOP)
- C 53 STUDY OF THE COSMIC RAY ANISOTROPY AROUND 100 TEV FROM EAS-TOP
ICRC 23, 1993
(Collaborazione EAS-TOP)
- C 54 THE EAS PRIMARY SPECTRUM BETWEEN 10^{14} AND 10^{16} EV
ICRC 23, 1993
(Collaborazione EAS-TOP)

- C 55 STUDY OF EAS CERENKOV LIGHT IMAGES AT EAS-TOP
ICRC 23, 1993
 (Collaborazione EAS-TOP)
- C 56 STUDY OF MUONS AND OF THE E.M. COMPONENT OF SHOWERS AT EAS-TOP
ICRC 23, 1993
 (Collaborazione EAS-TOP)
- C 57 SEARCH FOR NEUTRINOS FROM COLLAPSING STARS WITH THE LVD AT GRAN SASSO
ICRC 23, 1993
 (Collaborazione LVD)

1995 - ROMA

- C 58 THE SHAPE OF THE ATMOSPHERIC CERENKOV LIGHT IMAGES OF EAS
ICRC 24, 1, 430, 1995
 (Coll. EAS-TOP)
- C 59 STEREOSCOPIC OBSERVATION OF ATMOSPHERIC CERENKOV EXTENSIVE AIR SHOWERS
ICRC 24, 1, 434, 1995
 (Coll. EAS-TOP)
- C 60 STUDY OF EAS CORES FROM THE EAS-TOP CALORIMETER AND OBSERVATION OF MULTI-CORE EVENTS
ICRC 24, 1, 293, 1995
 (Coll. EAS-TOP)
- C 61 DESCRIPTION AND OPERATIONAL CHARACTERISTICS OF THE LVD EXPERIMENT
ICRC 24, 1, 1035, 1995
 (Coll. LVD)
- C 62 THE HE MUON AND NEUTRINO FLUXES FROM MEASUREMENTS OF HORIZONTAL AIR SHOWERS AT EAS-TOP
ICRC 24, 1, 638, 1995
 (Coll. EAS-TOP)
- C 63 LANDAU ENERGY LOSS IN LIQUID SCINTILLATOR AND THE SEARCH FOR WEAKLY INTERACTING FRACTIONALLY CHARGED PARTICLES WITH THE LVD EXPERIMENT
ICRC 24, 1, 861, 1995
 (Coll. LVD)
- C 64 SEARCH FOR NEUTRINOS FROM COLLAPSING STARS WITH LVD IN GRAN SASSO
ICRC 24, 1, 762, 1995
 (Coll. LVD)
- C 65 ANALYSIS OF UNDERGROUND EVENTS RECORDED IN THE LVD EXPERIMENT AT GRAN SASSO, CORRELATED WITH GAMMA RAY BURSTS
ICRC 24, 1, 662, 1995
 (Coll. EAS-TOP)
- C 66 ATMOSPHERIC SINGLE MUON FLUX MEASURED OVER FIVE DECADES OF INTENSITY BY LVD AT GRAN SASSO LABORATORY
ICRC 24, 1, 548, 1995
 (Coll. LVD)
- C 67 A STUDY OF SINGLE MUON $I(\theta, x)$ STRUCTURE OBSERVED IN THE LVD PARTICLE ASTROPHYSICS EXPERIMENT
ICRC 24, 1, 552, 1995
 (Coll. LVD)

- C 68 CHARACTERIZATION OF THE ENERGY SPECTRUM OF NEUTRINOS FROM COLLAPSING STARS WITH THE LVD DETECTOR
ICRC 24, 1, 650, 1995
 (Con J.A. Chinellato, W. Fulgione, E. Kemp, A. Turtelli))
- C 69 POWER INDEX OF PION AND KAON SPECTRUM IN THE ATMOSPHERE OBTAINED WITH LVD AT GRAN SASSO
ICRC 24, 1, 557, 1995
 (Coll. LVD)
- C 70 NEUTRINO INDUCED SINGLE MUON FLUX MEASURED BY LVD AT GRAN SASSO
ICRC 24, 1, 734, 1995
 (Coll. LVD)
- C 71 SEARCH FOR LOW ENERGY $\nu_{e,\mu,\tau}$ AND $\bar{\nu}_{e,\mu,\tau}$ IN COINCIDENCE WITH BATSE γ RAY BURSTS
ICRC 24, 2, 73, 1995
 (Coll. EAS-TOP)
- C 72 SEARCH FOR γ -RAY BURSTS OF ENERGY $E > 10$ GEV AND $E > 100$ TEV
ICRC 24, 2, 132, 1995
 (Coll. EAS-TOP)
- C 73 VHE OBSERVATIONS OF THE CRAB NEBULA FROM THE CERENKOV ARRAY OF EAS-TOP
ICRC 24, 2, 342, 1995
 (Coll. EAS-TOP)
- C 74 UHE GAMMA RAY ASTRONOMY WITH EAS-TOP
ICRC 24, 2, 421, 1995
 (Coll. EAS-TOP)
- C 75 ON THE RATE OF UHE GAMMA-RAY PRIMARIES
ICRC 24, 2, 459, 1995
 (Coll. EAS-TOP)
- C 76 STUDY OF THE PRIMARY COMPOSITION FROM THE N_e/N_μ DATA AT EAS-TOP
ICRC 24, 2, 664, 1995
 (Coll. EAS-TOP)
- C 77 STUDY OF THE PRIMARY COSMIC RAY COMPOSITION IN THE PEV REGION WITH EAS-TOP AND MACRO
ICRC 24, 2, 710, 1995
 (Coll. EAS-TOP Macro)
- C 78 A MEASUREMENT OF THE EAS DIFFERENTIAL SIZE SPECTRUM FOR $10^5 < N_e < 10^7$ AND OF THE ABSORPTION OF EAS IN THE ATMOSPHERE
ICRC 24, 2, 732, 1995
 (Coll. EAS-TOP)
- C 79 STUDY OF THE COSMIC RAY ANISOTROPY AT $E_0 \sim 100$ TEV FROM EAS-TOP: 1992-1994
ICRC 24, 2, 800, 1995
 (Coll. EAS-TOP)
- C 80 FRACTAL ANALYSIS OF COSMIC RAY SIGNALS DETECTED IN THE EAS-TOP EXPERIMENT
ICRC 24, 4, 964, 1995
 (Coll. EAS-TOP)
- C 81 EXPERIMENTAL LIMIT ON THE SOLAR ANTINEUTRINO FLUX
ICRC 24, 4, 1235, 1995
 (Coll. LVD)

1997 - DURBAN

- C 82 SEARCH FOR 30 - 50 TEV γ -RAYS FROM MARKARIAN 421
ICRC 25, 3, 269, 1997
(Coll. EAS-TOP)
- C 83 PRIMARY COMPOSITION ANALYSIS FROM MUONS IN EAS
ICRC 25, 4, 13, 1997
(Coll. EAS-TOP)
- C 84 STUDY OF THE PRIMARY COSMIC RAY COMPOSITION IN THE KNEE REGION WITH EAS-TOP AND MACRO
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- C 85 STUDY OF THE KNEE OF THE COSMIC RAY SPECTRUM IN THE ELECTRON COMPONENT
ICRC 25, 4, 125, 1997
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- C 86 STUDY OF THE PROTON-AIR INELASTIC CROSS SECTION AT $S^{1/2} = 1.6 - 2.4$ TEV FROM EAS-TOP
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- C 87 THE HADRON SPECTRUM AT 840 G/CM² AVERAGE ATMOSPHERIC DEPTH
ICRC 25, 6, 81, 1997
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- C 88 EXPERIMENTAL STUDY OF HADRONIC INTERACTION MODELS USING COINCIDENT DATA FROM EAS-TOP AND MACRO
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- C 89 STUDY OF THE EAS CORES IN THE KNEE REGION
ICRC 25, 6, 161, 1997
(Coll. EAS-TOP)
- C 90 LARGE TEV AND GEV MUON MULTIPLICITIES IN EAS: SEPARATION OF PROTONS AND VERY HEAVY PRIMARIES AT 10^{15} EV
ICRC 25, 6, 165, 1997
(Coll. EAS-TOP)
- C 91 AN ENERGY SIGNATURE FOR VERY DEEP UNDERGROUND MUONS OBSERVED BY THE LVD EXPERIMENT
ICRC 25, 6, 337, 1997
(Coll. LVD)
- C 92 UPPER LIMIT ON THE PROMPT MUON FLUX DERIVED FROM THE LVD DATA
ICRC 25, 6, 341, 1997
(Coll. LVD)
- C 93 STUDY OF MUON ENERGY LOSSES IN THE LVD EXPERIMENT
ICRC 25, 6, 345, 1997
(Coll. LVD)
- C 94 SEARCH FOR POINT SOURCES WITH MUONS OBSERVED BY LVD
ICRC 25, 6, 349, 1997
(Coll. LVD)
- C 95 THE HIGH ENERGY MUON SPECTRUM IN EXTENSIVE AIR SHOWERS: FIRST DATA FROM LVD AND EAS-TOP AT GRAN SASSO
ICRC 25, 6, 353, 1997
(Coll. EAS-TOP LVD)

C 96 STUDY OF NEUTRINOS FROM STELLAR COLLAPSES WITH THE LVD EXPERIMENT IN THE GRAN SASSO LABORATORY
ICRC 25, 7, 33, 1997
(Coll. LVD)

C 97 THE SENSIBILITY OF THE LVD EXPERIMENT TO CHARACTERIZE THE PARAMETERS OF NEUTRINO EMISSION FROM STELLAR COLLAPSES
ICRC 25, 7, 141, 1997
(Con E.Kemp, W.Fulgione, A.Turtelli)

1999 – SALT LAKE CITY

C 98 SEARCH FOR NEUTRINO BURST FROM SUPERNOVA COLLAPSE WITH THE LVD DETECTOR
ICRC 26, 2, 239, 1999
(Coll. LVD)

C 99 STUDY OF HORIZONTAL AIR SHOWERS AT EAS-TOP
ICRC 26, 2, 24, 1999
(Coll. EAS-TOP)

C 100 THE OBSERVED MEAN FREE PATH AND THE p-AIR INELASTIC CROSS SECTION OF PROTON PRIMARIES AT $E_0 = (2-4) 10^{15}$ eV
ICRC 26, 1, 143, 1999
(Coll. EAS-TOP)

C 101 STUDY OF THE KNEE STRUCTURE IN THE EAS ELECTRON AND MUON COMPONENT
ICRC 26, 1, 230, 1999
(Coll. EAS-TOP)

C 102 SEARCH FOR 10^{14} eV γ -RAY TRANSIENT THROUGH THE BAXSAN AND EAS-TOP CORRELATED DATA
ICRC 26, 3, 398, 1999
(Coll. EAS-TOP)

C 103 SEARCH FOR 10^{14} eV γ -RAY SOURCES FROM A FULL SKY SURVEY AT EAS-TOP
ICRC 26, 4, 68, 1999
(Coll. EAS-TOP)

C 104 GAMMA RAY AND IONIZING COMPONENT DURING THUNDERSTORMS AT GRAN SASSO
ICRC 26, 7, 351, 1999
(Coll. EAS-TOP)

C 105 MEASUREMENT OF THE NEUTRON FLUX PRODUCED BY COSMIC RAY MUONS WITH THE LVD EXPERIMENT AT GRAN SASSO
ICRC 26, 2, 44, 1999
(Coll. LVD)

C 106 MUON ASTRONOMY WITH THE LVD DETECTOR
ICRC 26, 7, 222, 1999
(Coll. LVD)

C 107 STUDY OF JET PRODUCTION IN p-N INTERACTIONS AT $s^{1/2} = 500$ GeV IN EAS MULTICORE EVENTS
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D - PROCEEDINGS DI CONGRESSI INTERNAZIONALI

- D 1 LOW ENERGY NEUTRINOS: ASTROPHYSICAL SOURCES AND THEIR DETECTION
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- D 2 PROTON DECAY AND NEUTRINO EXPERIMENTS IN THE MONT BLANC TUNNEL
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- D 3 THE MONT BLANC LIQUID SCINTILLATION DETECTOR (LSD)
8th Int. Workshop on Weak Interactions and Neutrinos, A.Morales Ed., Javea (Spain), World Sci. Publ. Co., 1983, p. 325
(Coll. LSD)
- D 4 RESULTS OF THE MONT BLANC NUCLEON STABILITY EXPERIMENT
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(Collaborazione NUSEX)
- D 5 USE OF LARGE VOLUME LIQUID SCINTILLATOR FOR MONOPOLE DETECTION
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- D 6 A SEARCH FOR MAGNETIC MONOPOLES IN THE MONT BLANC NUCLEON DECAY APPARATUS
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- D 7 RESEARCHES IN PARTICLE PHYSICS, ASTROPHYSICS AND COSMOLOGY IN MONT BLANC
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- D 8 RESULTS ON COSMIC RAY MUONS AND MUON GROUPS WITH THE MONT BLANC NUCLEON STABILITY EXPERIMENT
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- D 9 RECENT RESULTS FROM THE MONT BLANC EXPERIMENT
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- D 10 NEW RESULTS FROM THE NUCLEON DECAY EXPERIMENT IN MONT BLANC
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- D 11 NEUTRINO PHYSICS AND ASTROPHYSICS WITH THE LIQUID SCINTILLATOR DETECTOR IN THE MONT BLANC LABORATORY
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(Coll. LSD)
- D 12 RESULTS FROM THE MONT BLANC EXPERIMENT
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- D 13 EAS-TOP AT GRAN SASSO: A DETECTOR FOR UHE GAMMA-RAY SOURCES
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- D 14 THE UNDERGROUND NEUTRINO OBSERVATORIES IN ITALY
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- D 15 LOW ENERGY NEUTRINO DETECTION WITH THE MONT BLANC LSD EXPERIMENT
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- D 16 THE GRAN SASSO PROGRAMM
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- D 17 NEUTRINO EXPERIMENTS AT LSD AND ASD INSTALLATIONS
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- D 19 SEARCH FOR NEUTRINO BURSTS FROM GRAVITATIONAL STELLAR COLLAPSES
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- D 20 CYGNUS X-3 MUON SIGNAL IN THE NUSEX EXPERIMENT
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- D 21 NEUTRINO OBSERVATIONS FROM SUPERNOVA 1987A
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