

PUBBLICAZIONI SU RIVISTE INTERNAZIONALI

- 1) M. Haguenaer et al., Contributions from higher twist effects to the quark fragmentation functions in neutrino data, *Phys. Lett.* **B100** (1981) 185
- 2) WA25 Collaboration, D. Allasia et al., Measurement of the ratios of $\bar{\nu}_\mu$ n to $\bar{\nu}_\mu$ p charged current cross sections at high energies, *Phys. Lett.* **B107** (1981) 148
- 3) WA25 Collaboration, S. Barlag et al., Charged hadron multiplicities in high energy $\bar{\nu}_\mu$ n and $\bar{\nu}_\mu$ p interactions, *Z. Phys.* **C11** (1982) 283
- 4) WA25 Collaboration, D. Allasia et al., Proton and neutron structure functions from antineutrino interactions in deuterium, *Phys. Lett.* **B117** (1982) 262
- 5) NA19 Collaboration, J.P. Albanese et al., An attempt to observe directly beauty particles in nuclear emulsions, *Phys. Lett.* **B122** (1983) 197
- 6) WA25 Collaboration, D. Allasia et al., Single Pion Production in Charged Current $\bar{\nu}$ D Interactions at High Energies, *Z. Phys.* **C20** (1983) 95
- 7) WA25 Collaboration, D. Allasia et al., Measurement of the ν_μ and $\bar{\nu}_\mu$ nucleon charged-current total cross-sections, and the ratio of ν_μ neutron to ν_μ proton charged-current total cross sections, *Nucl. Phys.* **B239** (1984) 301
- 8) WA25 Collaboration, D. Allasia et al., Fragmentation in neutrino and antineutrino charged current interactions on proton and neutron, *Zeit. Phys.* **C24** (1984) 119
- 9) WA25 Collaboration, D. Allasia et al., Transverse momentum of charged hadrons produced in ν and $\bar{\nu}$ deuterium charged current interactions, *Zeit. Phys.* **C27** (1985) 239
- 10) WA25 Collaboration, D. Allasia et al., Search for $\mu^\mp \pi^\pm$ mass enhancements in neutrino and antineutrino deuterium charged-current interactions, *Phys. Rev. (Brief Reports)* **D31** (1985) 2996
- 11) WA25 Collaboration, D. Allasia et al., Fragmentation into strange particles in high energy ν p, ν n, $\bar{\nu}$ p and $\bar{\nu}$ n interactions, *Phys. Lett.* **B154** (1985) 231
- 12) WA75 Collaboration, J.P. Albanese et al., Direct observation of the decay of beauty particles into charm particles, *Phys. Lett.* **B158** (1985) 186
- 13) WA25 Collaboration, D. Allasia et al., Inclusive ρ^0 production in $\bar{\nu}_\mu$ D and ν_μ D charged current interactions, *Nucl. Phys.* **B268** (1986) 1
- 14) WA78 Collaboration, M. De Vincenzi et al., Experimental study of uranium-scintillator and iron-scintillator calorimetry in the energy range 135–350 GeV, *Nucl. Instr. and Meth. in Phys. Res.* **A243** (1986) 348
- 15) WA78 Collaboration, M. De Vincenzi et al., Performance of a sampling calorimeter with alternate U and Fe absorbers, *Nucl. Instr. and Meth. in Phys. Res.* **A248** (1986) 326
- 16) R. Alberganti et al., A system of 4400 silicon microstrips readout with analog multiplexed electronics used in the WA75 experiment, *Nucl. Instr. and Meth. in Phys. Res.* **A248** (1986) 337
- 17) WA25 Collaboration, D. Allasia et al., Search for a $\Delta(1236)$ – $\Delta(1236)$ structure of the deuteron, *Phys. Lett.* **B174** (1986) 450
- 18) G. D’Agostini et al., Spatial resolution of limited streamer tubes with analog strip readout, *Nucl. Instr. and Meth. in Phys. Res.* **A252** (1986) 431
- 19) MACRO Collaboration, C. De Marzo et al., MACRO, a Large-Area Detector at the Gran Sasso Laboratory, *Nuovo Cim.* **9C** (1986) 281
- 20) WA78 Collaboration, M.G. Catanesi et al., A muon spectrometer with calorimeter dump used for the beauty search at the CERN Super Proton Synchrotron, *Nucl. Instr. and Meth. in Phys. Res.* **A253** (1987) 222
- 21) R.H. Beuttenmuller et al., Silicon position sensitive detectors for the Helios (NA 34) experiment, *Nucl. Instr. and Meth. in Phys. Res.* **A253** (1987) 500
- 22) WA75 Collaboration, R. Arnold et al., Experimental search for associated gluino production and decay in 350 GeV/c π^- emulsion interactions, *Phys. Lett.* **B186** (1987) 435

- 23) WA75 Collaboration, S. Aoki et al., The double associated production of charmed particles by the interaction of 350 GeV/c π^- mesons with emulsion nuclei, Phys. Lett. **B187** (1987) 185
- 24) WA78 Collaboration, M.G. Catanesi et al., The production of beauty particles in π^- -U interactions at 320 GeV energy, Phys. Lett. **B187** (1987) 431
- 25) WA78 Collaboration, H. Cobbaert et al., A-dependence of the charm production cross-section in 320 GeV/c π^- interactions, Phys. Lett. **B191** (1987) 456
- 26) WA78 Collaboration, M.G. Catanesi et al., Experimental study of $B\bar{B}$ production in π^- U interactions at 320 GeV energy, Phys. Lett. **B202** (1988) 453
- 27) MACRO Collaboration, M. Calicchio et al., The MACRO detector at the Gran Sasso Laboratory, Nucl. Instr. and Meth. in Phys. Res. **A264** (1988) 18
- 28) HELIOS Collaboration, T. Åkesson et al., The transverse energy distribution in ^{16}O -nucleus collisions at 60 and 200 GeV per nucleon, Zeit. Phys. **C38** (1988) 383
- 29) N. Ardito et al., Interactions of 60 and 200 A GeV ^{16}O ions in nuclear emulsion, Europhys. Lett. **6** (1988) 131
- 30) WA78 Collaboration, H. Cobbaert et al., A-dependence of the charm production cross-section in 300 GeV/c proton interactions, Phys. Lett. **B206** (1988) 546
- 31) WA75 Collaboration, S. Aoki et al., Some properties of charmed particles produced in π^- -nucleus interactions, Phys. Lett. **B209** (1988) 113
- 32) WA78 Collaboration, H. Cobbaert et al., A-dependence of low mass muon pair production in 300 GeV/c p and 320 GeV/c π^- interactions, Phys. Lett. **B213** (1988) 395
- 33) HELIOS Collaboration, T. Åkesson et al., The Transverse Energy Distributions of ^{32}S -Nucleus Collisions at 200 GeV per Nucleon, Phys. Lett. **B214** (1988) 295
- 34) MACRO Collaboration, The track-etch detector of the MACRO experiment, Nucl. Tracks Radiat. Meas. **15** (1988) 331
- 35) WA75 Collaboration, S. Aoki et al., A hybrid experiment to search for beauty particles, Nucl. Instr. and Meth. in Phys. Res. **A274** (1989) 64
- 36) P. Giubellino et al., Performance of the Silicon Ring Counter for the Helios experiment at CERN, Nucl. Instr. and Meth. in Phys. Res. **A275** (1989) 89
- 37) SICAPO Collaboration, E. Borchi et al., Silicon sampling hadronic calorimetry: a tool for experiments at the next generation of colliders, Nucl. Instr. and Meth. in Phys. Res. **A279** (1989) 57
- 38) P. Giubellino, L. Ramello, L. Riccati, Silicon detectors in a high multiplicity environment, Nucl. Instr. and Meth. in Phys. Res. **A279** (1989) 259
- 39) SICAPO Collaboration, F. Lemeilleur et al., The local hardening effect on electromagnetic showers. A way for signal equalization in Si/high-Z hadron calorimeters, Phys. Lett. **B222** (1989) 518
- 40) SICAPO Collaboration, E. Borchi et al., Electromagnetic shower energy filtering effect. A way to achieve the compensation condition ($e/\pi = 1$) in hadronic calorimetry, Phys. Lett. **B222** (1989) 525
- 41) SICAPO Collaboration, F. Lemeilleur et al., Compensation condition in Si/U hadronic calorimeter, IEEE Trans. Nucl. Sci. Vol. **36**, No. 1 (1989) 331
- 42) WA78 Collaboration, M.G. Catanesi et al., $B\bar{B}$ inclusive cross section in 320 GeV π^- Uranium interactions, Phys. Lett. **B231** (1989) 328
- 43) HELIOS Collaboration, T. Åkesson et al., Charged-particle multiplicity distributions in oxygen-nucleus collisions at 60 and 200 GeV per nucleon, Nucl. Phys. **B333** (1990) 48
- 44) HELIOS Collaboration, T. Åkesson et al., Inclusive negative particle p_{\perp} spectra in p-nucleus and nucleus-nucleus collisions at 200 GeV per nucleon, Z. Phys. **C46** (1990) 361
- 45) HELIOS Collaboration, T. Åkesson et al., Inclusive photon production in pA and AA collisions at 200 GeV/u, Z. Phys. **C46** (1990) 369
- 46) HELIOS-Emulsion Collaboration, T. Åkesson et al., An emulsion study of ^{16}O and ^{32}S interactions at 200 GeV per nucleon selected by transverse energy, Nucl. Phys. **B342** (1990) 279
- 47) WA25 Collaboration, D. Allasia et al., Investigation of exclusive channels in $\nu/\bar{\nu}$ -deuteron charged current interactions, Nucl. Phys. **B343** (1990) 285

- 48) SICAPO Collaboration, A.L.S. Angelis et al., Evidence for the compensation condition in Si/U hadronic calorimetry by the local hardening effect, 1990, Phys. Lett. **B242** (1990) 293
- 49) G. Baroni et al., Electromagnetic dissociation of 200 GeV/nucleon ^{16}O and ^{32}S ions in nuclear emulsions, Nucl. Phys. **A516** (1990) 673
- 50) MACRO and EASTOP Collaborations, R. Bellotti et al., Simultaneous observation of extensive air showers and deep-underground muons at the Gran Sasso Laboratory, Phys. Rev. **D42** (1990) 1396
- 51) MACRO Collaboration, S.P. Ahlen et al., Study of penetrating cosmic ray muons and search for large scale anisotropies at the Gran Sasso Laboratory, Phys. Lett. **B249** (1990) 149
- 52) HELIOS-Emulsion Collaboration, T. Åkesson et al., A search for multiplicity fluctuations in high energy nucleus-nucleus collisions, Phys. Lett. **B252** (1990) 303
- 53) HELIOS Collaboration, T. Åkesson et al., Measurement of the transverse energy flow in nucleus-nucleus collisions at 200 GeV per nucleon, Nucl. Phys. **B353** (1991) 1
- 54) HELIOS Collaboration, T. Åkesson et al., Diffraction dissociation of nuclei in 450 GeV/c proton-nucleus collisions, Z. Phys. **C49** (1991) 355
- 55) HELIOS Collaboration, T. Åkesson et al., A search for weakly interacting neutral particles in missing energy events in 450 GeV/c PN collisions, Z. Phys. **C52** (1991) 219
- 56) G. Baroni et al., Interactions of 200 GeV/nucleon ^{16}O and ^{32}S ions in nuclear emulsions, Nucl. Phys. **A531** (1991) 691
- 57) SICAPO Collaboration, A.L.S. Angelis et al., Investigation of the local hardening effect produced by various low-Z materials in a Si/(Fe,Pb) electromagnetic calorimeter, Nucl. Instr. and Meth. **A314** (1992) 425
- 58) MACRO Collaboration, S.P. Ahlen et al., Arrival time distributions of very high energy cosmic ray muons in MACRO, Nucl. Phys. **B370** (1992) 432
- 59) HELIOS Collaboration, T. Åkesson et al., Proton distributions in the target fragmentation region in proton-nucleus and nucleus-nucleus collisions at high energies, Z. Phys. **C53** (1992) 183
- 60) SICAPO Collaboration, E. Borchi et al., Evidence for compensation in a Si/(Fe,Pb) hadron calorimeter by the filtering effect, Phys. Lett. **B280** (1992) 169
- 61) G. Baroni et al., The electromagnetic and hadronic diffractive dissociation of ^{16}O ions, Nucl. Phys. **A540** (1992) 646
- 62) WA75 Collaboration, S. Aoki et al., Charm Production by 350 GeV/c π^- Interactions in Nuclear Emulsion, Prog. Theor. Phys. **87** (1992) 1305
- 63) WA75 Collaboration, S. Aoki et al., Hadroproduction of $D\bar{D}$ Pairs in the Interaction of 350 GeV/c π^- Mesons with Nuclei, Prog. Theor. Phys. **87** (1992) 1315
- 64) K. Gill et al., Radiation damage by neutrons and photons to silicon detectors, Nucl. Instr. and Meth. in Phys. Res. **A322** (1992) 177
- 65) MACRO Collaboration, S. Ahlen et al., Search for neutrino bursts from collapsing stars with the MACRO detector, Astroparticle Physics **1** (1992) 11
- 66) MACRO Collaboration, S. Ahlen et al., Study of the ultrahigh energy primary cosmic ray composition with the MACRO experiment, Phys. Rev. **D46** (1992) 895
- 67) MACRO Collaboration, S. Ahlen et al., Search for nuclearites using the MACRO detector, Phys. Rev. Lett. **69** (1992) 1860-1863
- 68) MACRO Collaboration, S. Ahlen et al., Measurement of the decoherence function with the MACRO detector at Gran Sasso, Phys. Rev. **D46** (1992) 4836
- 69) HELIOS Collaboration, Kaon production in 200 GeV/nucleon nucleus-nucleus collisions, Phys. Lett. **B296** (1992) 273
- 70) WA75 Collaboration, S. Aoki et al., Observation of the muonic decay $D_s^\pm \rightarrow \mu^\pm \nu_\mu$, Prog. Theor. Phys. **89** (1993) 131
- 71) MACRO Collaboration, S. Ahlen et al., First supermodule of the MACRO detector at Gran Sasso, Nucl. Instr. and Meth. in Phys. Res. **A324** (1993) 337
- 72) HELIOS Collaboration, T. Åkesson et al., Transverse energy measurements in proton-nucleus interactions at high energy, Z. Phys. **C58** (1993) 239
- 73) MACRO Collaboration, S. Ahlen et al., Muon astronomy with the MACRO detector, Astrophysical J. **412** (1993) 301

- 74) The RD20 Collaboration, A. Holmes–Siedle et al., Radiation tolerance of single–sided silicon microstrips, Nucl. Instr. and Meth. in Phys. Res. **A339** (1994) 511
- 75) NA51 Collaboration, A. Baldit et al., Study of the isospin symmetry breaking in the light quark sea of the nucleon from the Drell–Yan process, Phys. Lett. **B332** (1994) 244
- 76) J. Matheson et al., Radiation damage studies of field plate and p–stop n–side silicon microstrip detectors, Nucl. Instr. Meth. Phys. Res. **A362** (1995) 297
- 77) T. Åkesson et al., Low–mass lepton–pair production in p–Be collisions at 450 GeV/c, Z. Phys. **C68** (1995) 47
- 78) S. Aoki et al., Charged particle multiplicity and transverse energy measured in ^{32}S central interactions at 200 GeV per nucleon, Nuovo Cim. **108A** (1995) 1125
- 79) B. Alessandro et al., A fast, high–granularity silicon multiplicity detector for the NA50 experiment at CERN, Nucl. Instr. and Meth. in Phys. Res. **A360** (1995) 189
- 80) EMU09 Collaboration, N. Armenise et al., A hybrid set–up to study charmed particle production in ^{32}S –Nucleus central interactions, Nucl. Instr. and Meth. in Phys. Res. **A361** (1995) 497
- 81) T. Åkesson et al., A study of Electron–Muon Pair Production in 450 GeV/c pBe Collisions, Z. Phys. **C72** (1996) 429
- 82) M.C. Abreu et al., NA50 Collaboration, J/ψ and Drell–Yan cross–sections in Pb–Pb interactions at 158 GeV/c per nucleon, Phys. Lett. **B410** (1997) 327
- 83) M.C. Abreu et al., NA50 Collaboration, Anomalous J/ψ suppression in Pb–Pb interactions at 158 GeV/c per nucleon, Phys. Lett. **B410** (1997) 337
- 84) A.L.S. Angelis et al., HELIOS/3 Collaboration, Study of vector mesons in dimuon production in a large kinematic region on p–W and S–W interactions at 200 GeV/c/nucleon, Euro. Phys. J. **C5** (1998) 63
- 85) B. Alessandro et al., Design and operation of a fast high–granularity silicon detector system in a high–radiation environment, Nucl. Instr. and Meth. in Phys. Res. **A409** (1998) 167
- 86) B. Alessandro et al., Radiation damage of silicon strip detectors in the NA50 experiment, Nucl. Instr. and Meth. in Phys. Res. **A419** (1998) 556
- 87) NA51 Collaboration, M.C. Abreu et al., J/ψ , ψ' and Drell–Yan production in pp and pd interactions at 450 GeV/c, Phys. Lett. **B438** (1998) 35
- 88) NA50 Collaboration, M.C. Abreu et al., Observation of Fission in Pb–Pb Interactions at 158 A GeV, Phys. Rev. **C59** (1999) 876
- 89) NA50 Collaboration, M.C. Abreu et al., Observation of a threshold effect in the anomalous J/ψ suppression, Physics Letters **B450** (1999) 456
- 90) B. Alessandro et al., Analysis of radiation effects on silicon strip detectors in the NA50 experiment, Nucl. Instr. and Meth. in Phys. Res. **A432** (1999) 342
- 91) NA50 Collaboration, M.C. Abreu et al., Evidence for deconfinement of quarks and gluons from the J/ψ suppression pattern measured in Pb–Pb collisions at the CERN–SPS, Phys. Lett. **B477** (2000) 28
- 92) NA38 and NA50 Collaborations, M.C. Abreu et al., Low mass dimuon production in proton and ion induced interactions at SPS, Eur. Phys. J. **C13** (2000) 69
- 93) A.L.S. Angelis et al., HELIOS/3 Collaboration, Excess of continuum dimuon production at masses between threshold and the J/ψ in S–W interactions at 200 GeV/c/nucleon, Eur. Phys. J. **C13** (2000) 433
- 94) NA50 Collaboration, M.C. Abreu et al., Dimuon and charm production in nucleus–nucleus collisions at the CERN–SPS, Eur. Phys. J. **C14** (2000) 443
- 95) P. Grybos et al., Characterisation of silicon strip detectors with a binary readout chip for X–ray imaging, Nucl. Instr. and Meth. in Phys. Res. **A454** (2000) 214
- 96) NA50 Collaboration, M.C. Abreu et al., Transverse momentum distributions of J/ψ , ψ' , Drell–Yan and continuum dimuons produced in Pb–Pb interactions at the SPS, Phys. Lett. **B499** (2001) 85
- 97) NA50 Collaboration, M.C. Abreu et al., The dependence of the anomalous J/ψ suppression on the number of participant nucleons, Phys. Lett. **B521** (2001) 195
- 98) B. Alessandro et al., Observation of radiation induced latchup in the readout electronics of NA50 multiplicity detector, Nucl. Instr. and Meth. in Phys. Res. **A476** (2002) 758

- 99) NA50 Collaboration, M.C. Abreu et al., Pseudorapidity distributions of charged particles as a function of centrality in Pb-Pb collisions at 158 and 40 GeV per nucleon incident energy, Phys. Lett. **B530** (2002) 33
- 100) NA50 Collaboration, M.C. Abreu et al., Scaling of charged particle multiplicity in Pb-Pb collisions at SPS energies, Phys. Lett. **B530** (2002) 43
- 101) B. Alessandro et al., The silicon multiplicity detector for the NA50 experiment at CERN, Nucl. Instr. and Meth. in Phys. Res. **A493** (2002) 30
- 102) NA50 Collaboration, B. Alessandro et al., Charmonia and Drell-Yan production in proton-nucleus collisions at the CERN SPS, Phys. Lett. **B553** (2003) 167
- 103) NA50 Collaboration, B. Alessandro et al., ϕ production in Pb-Pb collisions at 158 GeV/c per nucleon incident momentum, Phys. Lett. **B555** (2003) 147
- 104) P. Rato Mendes et al., Silicon strip detectors for two-dimensional soft X-ray imaging at normal incidence, Nucl. Instr. Meth. in Phys. Res. **A509** (2003) 333
- 105) F. Prino et al., A silicon strip detector coupled to the RX64 ASIC for X-ray diagnostic imaging, Nucl. Instr. and Meth. in Phys. Res. **A514** (2003) 206-214
- 106) D. Bollini et al., Energy resolution of a silicon detector with the RX64 ASIC designed for X-ray imaging, Nucl. Instr. and Meth. in Phys. Res. **A515** (2003) 458-466
- 107) G. Baldazzi et al., Dual energy imaging in mammography: Cross-talk study in a Si array detector, Nucl. Instr. and Meth. in Phys. Res. **B213** (2004) 603-606
- 108) NA50 Collaboration, B. Alessandro et al., Charmonium production and nuclear absorption in p-A interactions at 450 GeV, Eur. Phys. J. **C33** (2004) 31
- 109) NA50 Collaboration, B. Alessandro et al., Fission cross sections of lead projectiles in Pb-nucleus interactions at 40 and 158 GeV/c per nucleon, Phys. Rev. **C69** (2004) 034904
- 110) A. Sarnelli et al., K-edge digital subtraction imaging based on a dichromatic and compact x-ray source, Phys. Med. Biol. **49** (2004) 3291
- 111) ALICE Collaboration, P. Cortese et al.; F. Carminati et al. (editors), ALICE: Physics Performance Report, Volume I, J. Phys. G: Nucl. Part. Phys. **30** (2004) 1517
- 112) NA50 Collaboration, B. Alessandro et al., A new measurement of J/ψ suppression in Pb-Pb collisions at 158 GeV per nucleon, Eur. Phys. J. **C39** (2005) 335
- 113) P. Cerello et al., GPCALMA: a Grid-based Tool for Mammographic Screening, Methods Inf. Med. **44** (2005) 244
- 114) P. Grybos et al., RX64DTH - A Fully Integrated 64-channel ASIC for a Digital X-ray Imaging System with Energy Window Selection, IEEE Transaction on Nuclear Science vol. 52, no. 4, August 2005, pp. 839-846
- 115) F. Prino et al., Contrast cancellation technique applied to digital X-ray imaging using silicon strip detectors, Med. Phys. **32** (2005) 3755
- 116) NA50 Collaboration, B. Alessandro et al., Bottomonium and Drell-Yan production in p-A collisions at 450 GeV, Phys. Lett. **B635** (2006) 260 [CERN-PH-EP/2006-005, arXiv.org: hep-ex/0603049]

**ATTI DI CONFERENZE NAZIONALI E INTERNAZIONALI
in cui ho presentato relazioni**

- C1) WA75, un esperimento ibrido per la ricerca di "beauty", LXX Congresso Nazionale della Società Italiana di Fisica, Genova, 4–9 ottobre 1984
- C2) A silicon microstrip beam hodoscope and vertex detector, Proc. of the Int. Europhysics Conf. on High Energy Physics, Bari, Italy, July 18–24 1985, p. 579
- C3) L. Ramello, First results from the hybrid emulsion experiment on ^{16}O -nucleus collisions at 200 GeV/N, VI Int. Conf. on Ultrarelativistic Nucleus–Nucleus Collisions (Quark Matter 87), Nordkirchen, Germany, 24–28 August 1987, Zeit. Phys. **C38** (1988) 73
- C4) Results on ^{16}O - and ^{32}S -nucleus collisions from the HELIOS collaboration, Proc. of the Hadron Structure '87 Conference, Smolenice, Czechoslovakia, November 16–20 1987
- C5) L. Ramello, Recent results on multiplicity in ^{32}S -W collisions, VII Int. Conf. on Ultrarelativistic Nucleus–Nucleus Collisions (Quark Matter 88), Lennox, MA, USA, September 26–30, 1988, Nucl. Phys. **A498** (1989) 403c
- C6) Charged multiplicity in heavy ion collisions, VIII Int. Conf. on Ultrarelativistic Nucleus–Nucleus Collisions (Quark Matter 90), Menton, France, May 7–11 1990, Nucl. Phys. **A525** (1991) 555c
- C7) M. Maserà and L. Ramello, Results from PYTHIA at LHC energies, ECFA Large Hadron Collider Workshop, Aachen, Germany, October 4–9 1990, CERN 90–10, Vol. II, p. 1115
- C8) L. Ramello, Expression of Interest: A heavy ion experiment with CMS at LHC, Proc. General Meeting on LHC Physics and Detectors, 5–8 March 1992, Evian–les–Bains, p. 527
- C9) B. Alessandro et al., Development of the silicon Multiplicity Detector for the NA50 experiment at CERN, IV Int. Conf. on Advanced Technology and Particle Physics, Como, Italy, 3–7 October 1994, Nucl. Phys. **B** (Proc. Suppl.) **44** (1995) 303
- C10) L. Ramello for the NA50 Collaboration, Charmonium production in Pb-Pb interactions at 158 GeV/c per nucleon, XIII Int. Conf. on Ultrarelativistic Nucleus–Nucleus Collisions (Quark Matter 1997), Tsukuba, Japan, December 1–5, 1997, Nucl. Phys. **A638** (1998) 261c
- C11) L. Ramello for the NA50 Collaboration, New Results on Intermediate Mass Dileptons, Quarkonium Production in Relativistic Nuclear Collisions, Brookhaven, September 28 - October 2, 1998, in BNL-52559 Formal Report, p. 55–61
- C12) L. Ramello for the NA50 Collaboration, Evidence for deconfinement from the J/ψ suppression pattern in Pb-Pb collisions by the NA50 experiment, Confinement IV, Vienna, July 3–8, 2000
- C13) Risultati recenti dell'esperimento NA50 sulle distribuzioni di molteplicità in collisioni Pb-Pb al SPS, LXX Congresso Nazionale della Società Italiana di Fisica, Milano, 24–29 settembre 2001
- C14) L. Ramello for the NA50 Collaboration, Results on leptonic probes from NA50, XVI Int. Conf. on Ultrarelativistic Nucleus–Nucleus Collisions (Quark Matter 2002), Nantes, France, July 18–24, 2002, Nucl. Phys. **A715** (2003) 243c
- C15) L. Ramello et al., X-ray imaging with a silicon microstrip detector coupled to the RX64 ASIC, Fourth International Workshop on Radiation Imaging Detectors (IWORID 2002), Amsterdam, The Netherlands, September 8–12, 2002, Nucl. Instr. Meth. in Phys. Res. **A509** (2003) 315
- C16) L. Ramello et al., Results about imaging with silicon strips for angiography and mammography, presented at the VII Mexican Symposium on Medical Physics, Mexico City, March 26–26, 2003, AIP Conference Proceedings vol. 682 (2003) 14–23
- C17) L. Ramello et al., Recent advances on X-ray imaging with a single photon counting system, Memorias del 4to Simposio Internacional de Tecnicas Nucleares y Conexas NURT 2003, 27–31 Oct. 2003, La Habana, Cuba (ISBN 959-7136-21-X)
- C18) L. Ramello et al., A Silicon Microstrip System equipped with the RX64DTH ASIC for dual energy mammography, 2004 IEEE NSS-MIC Conference Record, edited by J. A. Seibert, 2005, p. 2324, ISBN 0-7803-8701-5.
- C19) L. Ramello, Medical Imaging with Semiconductor Detectors, in O. Rosas-Ortiz, M. Carbajal and O. Miranda (Eds), Advanced Summer School in Physics 2005: Frontiers in Contemporary Physics, AIP Conference Proceedings vol. 809 (2006) 263–282
- C20) L. Ramello for the NA50 Collaboration, Quarkonium production and suppression in Pb+Pb and p+A collisions at SPS energies, XVIII Int. Conf. on Ultrarelativistic Nucleus–Nucleus Collisions (Quark Matter 2005), Budapest, Hungary, August 4–9, 2005, Nucl. Phys. **A** in press

RAPPORTI CERN

- R1) N. Brambilla et al., Heavy Quarkonium Physics, CERN Yellow Report CERN-2005-005, hep-ph/0412158

PROPOSTE DI ESPERIMENTO

- P1) Proposal to the SPSC: An experiment to observe directly beauty particles selected by muonic decay in emulsion and to estimate their lifetimes, CERN/SPSC/81-69 SPSC/P-166, 16 September 1981
- P2) Proposal to the SPSC: Search for the hadroproduction of $B\bar{B}$ pairs, CERN/SPSC/83-14 SPSC/P-185, 11 February 1983
- P3) Proposal to the SPSC: An exploratory study of high energy ion collisions, CERN/SPSC/84-69 SPSC/P-205, October 1984 and CERN/SPSC/85-01, January 1985 (addendum)
- P4) C. De Marzo et al., Proposal for a large area detector dedicated to monopole search, astrophysics, and cosmic ray physics at the Gran Sasso Laboratory, November 1984
- P5) Proposal to the SPSC: A hybrid experiment to explore high energy ion collisions, CERN/SPSC 85-24 SPSC/P-213, 8th March 1985
- P6) M. Gallio et al., Measurement of low mass muon pairs in sulphur-nucleus collisions with an optimized HELIOS muon spectrometer, CERN/SPSC/88-43 SPSC/P240, 14th October 1988
- P7) N. Armenise et al., Proposal for an emulsion-hybrid set-up for the study of sulphur-nucleus collisions at 200 GeV/N, CERN/SPSC/89-1 SPSC/P243, 3rd January 1989
- P8) H. Borner et al., R& D Proposal: Development of high resolution Si strip detectors for experiments at high luminosity at the LHC, CERN/DRDC 91-10 DRDC/P26, 7 March 1991
- P9) M.C. Abreu et al., Proposal: Study of muon pairs and vector mesons produced in high-energy Pb-Pb interactions, CERN/SPSLC 91-55 SPSLC/P265, October 16, 1991
- P10) M.C. Abreu et al., Proposal: Study of the isospin breaking in the light quark sea from the Drell-Yan process, CERN/SPSLC 92-15 SPSLC/P267, March 16, 1992
- P11) ALICE Collaboration, N. Antoniou et al., Letter of Intent for A Large Ion Collider Experiment, CERN/LHCC/93-16 LHCC/I4, 1 March 1993
- P12) ALICE Collaboration, N. Ahmad et al., Technical Proposal for A Large Ion Collider Experiment at the CERN LHC, CERN/LHCC/95-71, December 1995
- P13) ALICE Collaboration, S. Beol e et al., The forward muon spectrometer - Addendum to the ALICE Technical Proposal, CERN/LHCC/96-32, October 1996
- P14) M.C. Abreu et al., Addendum to Proposal SPSLC/P265: Low mass dimuon physics in NA50 upgraded by adding a pixel vertex spectrometer, CERN/SPSC 97-22, SPSC/P265 Add. 1, October 7, 1997

PUBBLICAZIONI DIDATTICHE

- D1) E. Chiavassa, L. Ramello, E. Vercellin, Rivelatori di particelle (Appunti dalle lezioni di Fisica dei Neutroni), La Scientifica Editrice, Torino 1991.

Per brevità sono omesse note interne e altre comunicazioni a conferenze.