

Liste des Publications

Nombre de publications avec comité de lecture	66
Nombre de publications dans des actes de congrès avec comité de lecture	6
Nombre de conférences invitées dans des congrès internationaux	8
Nombre de participations à des ouvrages	10

Année 2007

D. Autiero et al., "Large underground, liquid based detectors for astro-particle physics in Europe: scientific case and prospects.", JCAP 0711:011 (2007) , arXiv:0705.0116 [hep-ph].

E Baussan et al. "The neutrino oscillation OPERA experiment Target Tracker". Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment 2007 in press

J.E Campagne, M. Maltoni, M. Mezzetto, Th. Schwetz: "Physics potential of the CERN-MEMPHYS neutrino oscillation project", JHEP 04 (2007) 003, LAL-06-35, IC/2006/011, SISSA 16/2006/EP, hep-ph/0603172

J.E Campagne, "CERN-MEMPHYS project", proceedings of the NNN06 Workshop, Ed. R. J. Wilkes, published by AIP Conference Proceeding.

T. Adam et al, "The OPERA experiment Target Tracker", arXiv:physics/0701153, Nucl.Instrum.Meth.A577:523-539,2007

Année 2006

R. Acquafredda et al, "First events from the CNGS neutrino beam detected in the OPERA experiment", New J. Phys. 8 (2006) 303, arXiv:hep-ex/0611023

J.E Campagne, C. K Jung, K. Kaneyuki : « Large Water Cerenkov detectors », LAL-06-22

A. de Bellefon et al.: « MEMPHYS : A large scale water Cerenkov detector at Fréjus » (version longue), Expression of Interest, LAL-06-124, hep-ex/0607026

A. de Bellefon et al.: « MEMPHYS : A large scale water Cerenkov detector at Fréjus », Contribution to the CERN strategic committee

J.E Campagne, M. Mezzetto, Th. Schwetz: "Physics potential of a megaton scale water Cerenkov detector at Fréjus using Super Beam, Beta Beam and Atmospheric neutrinos", joint contribution to the CERN strategic committee

A. Baldini et al. : BENE Interim Scientific Report, CERN Yellow Report CERN-2006-005, CARE-2006-009-BENE ECFA/06/242

Année 2005

J.E Campagne : "The SPL-Fréjus physics potential", Nuclear Physics B – Proceedings Supplements Volume 155, Issue 1 , May 2006, Pages 185-186 Proceedings to the 7th International Workshop on Neutrino Factories and Superbeams, hep-ex/0510029.

Année 2004

A. Blondel et al.: Letter of Intent for the VILLARS 2004 SPSC workshop Discovery potential for a SPL/super beam and beta beam from CERN pointing at a Megaton class detector in the Fréjus area.

J.E Campagne and A. Cazes : "The SPL-Fréjus θ_{13} sensitivity revisited" LAL-04-102, hep-ex/0411062, Eur. Phys. J.C45 : 643-657, (2006)

J.E Campagne and A. Cazes : "OPERA-CNGS/ Fréjus-SPL ", session poster de la Conférence Internationale NEUTRINO 04, Nucl. Phys. B (Suppl.) (2005) 143.535, 14-19 juin 04, Paris Collège de France.

R. Arnold, et al.:"Technical design and performance of the NEMO 3 detector".
LAL 04-05 Feb. 2004, physics/0402115, Nucl. Inst. And Meth. In Phys. Research A 536 (2005) 79-122.

Année 2003

A. Lucotte, et al: "A front-end read out chip for the OPERA scintillator tracker".
LAL/RT 03-07 Oct. 2003, Nucl. Inst. And Meth. In Phys. Research A 521 (2004) 378-392.

J.E Campagne : "The OPERA experiment" pour le compte de la collaboration OPERA, Proceeding de l'ICHEP03, Eur. Phys. J C 33, s01, s837-s839 (2004).

Année 2002

M. Guler, et al : "The Changeable Sheet detector in OPERA "
CERN/SPSC 2002-021 SPSC/M687 , LNGS-EXP 30/2001 add.3/02
May 14, 2002

NEMO Collaboration : Gamma-ray flux in the Frejus underground laboratory measured with NaI detector. Nucl.Instrum.Meth.A482:832-839,2002.

Année 2001

M. Guler, et al : Status report on the OPERA experiment.
CERN-SPSC-2001-025 (Aug 2001)

Ch. Marquet et al. : Influence of neutrons and gamma rays

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NEMO Collaboration : Limits on different Majoron decay modes of
Mo-100, Cd-116, Se-82, and Zr-96 for neutrinoless double beta decays
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Année 2000

NEMO Collaboration: Chemical purification of molybdenum
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M. Guler, et al., OPERA: An appearance
experiment to search for $\nu/\mu \leftrightarrow \nu/\tau$ oscillations in the CNGS beam. Experimental
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R. Arnold et al. : Status of the NEMO3 experiment
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R. Arnold et al.: Double beta decay with the NEMO experiment :
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R. Arnold, et al., Limits on different Majoron decay modes of Mo-100, Cd-116, Se-82 and Zr-
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M. Ambrosio, et al., MONOLITH Collaboration,
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Iron Detector. CERN-SPSC-1999-24

R. Arnold, et al., Testing the Pauli exclusion
principle with the NEMO-2 detector.
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R. Arnold, et al., Double beta decay of Se-82.
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J.E. Campagne, Neutrino oscillations from pion

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I. Kisel, et al., Cellular automaton and elastic net for event reconstruction in the NEMO-2 experiment.
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R. Arnold, et al., Measurement and control of the Bi-214 contamination in the beta beta NEMO-2 experiment.
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R. Arnold, et al., Double-beta decay of Cd-116.
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J.E. Campagne, Effects of the nature of Dirac neutrino or of Majorana neutrino as well as the effects of the mass, on the behavior of neutrinos. LAL-95-23 (Apr 1995) 190p.
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R. Arnold, et al., Performance of a prototype tracking detector for double beta decay measurements.
Nucl.Instrum.Meth.A354:338-351,1995.

R. Arnold, et al., Observation of two neutrino double beta decay of Cd-116 with the tracking detector NEMO-2.
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D. Dassié, et al., Two neutrino double beta decay measurement of Mo-100.
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D. Dassié, et al., NEMO-3: A Detector to investigate the neutrino mass in the 0.1-eV range. LAL-94-30 (May 1994) 28p.

D. Dassié et al., NEMO-3 Proposal: A proposal for an experiment to study double-beta decay in the search for

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J.E. Campagne, Research on double beta decay. In *Montpellier 1992, Proceedings, The neutrino and its secrets, vol. 2* 5-65, and Orsay Lin. Accel. Lab. - LAL-93-02 (93/01,rec.Mar.) 61 .

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With multiwire drift tubes in the Geiger mode. Nucl. Phys.
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D. Lalanne et al., Preliminary background measurements with
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J.E. Campagne, The neutrino(less) experiment
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D. Blum, et al., Search for gamma rays
following beta beta decay of Mo-100 to
excited states of Ru-100.
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P. Abreu, et al., Search for scalar
leptoquarks from Z0 decays.
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P. Abreu, et al., A Search for neutral Higgs
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P. Abreu, et al., Measurement of the average
lifetime of B hadrons.
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- P. Abreu, et al., The reaction $e^+ e^- \rightarrow \gamma \gamma$ at Z^0 energies.
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- P. Abreu, et al., A Measurement of the lifetime of the tau lepton.
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- P. Abreu, et al., Determination of Z^0 resonance parameters and couplings from its hadronic and leptonic decays.
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- P. Abreu, et al., Charged particle multiplicity distributions in restricted rapidity intervals in Z^0 hadronic decays.
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- P. Abreu, et al., Experimental study of the triple gluon vertex.
Phys.Lett.B255:466-476,1991.
- P. Aarnio, et al., The DELPHI detector at LEP.
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D. Dassié et al., Radioactivity measurement of a 99.5% Enriched ^{100}Mo sample. CENBG 90-27

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