

Appendix 2: Publications

1 Oct 2007 – 30 Sep 2008

http://www.physics.ox.ac.uk/univnet/universenet_publications.htm

Inter-team publications (2007-08) – in refereed journals

1. *Review of Particle Physics*
By the Particle Data Group (C. Amsler et al - includes UniverseNet members from [Bonn U.](#), [CERN](#) & [Oxford U., Theor. Phys.](#)). FERMILAB-PUB-07-579-AD-CD-E-TD, Nov 2007. 22pp. **Phys.Lett. B667:1,2008.** Cited 287 times
2. *Correlation of the highest energy cosmic rays with nearby extragalactic objects.*
By Pierre Auger Collaboration ([J. Abraham et al.](#) - includes UniverseNet members from [APC, Paris](#) & [Oxford U., Theor. Phys.](#)). FERMILAB-PUB-07-579-AD-CD-E-TD, Nov 2007. 22pp. **Science 318:938-943,2007.** e-Print: arXiv:[0711.2256](#) [astro-ph] Cited 100 times
3. *Upper limit on the cosmic-ray photon flux above 10^{19} -eV using the surface detector of the Pierre Auger Observatory.*
By Pierre Auger Collaboration ([J. Abraham et al.](#) - includes UniverseNet members from [APC, Paris](#) & [Oxford U., Theor. Phys.](#)). FERMILAB-PUB-07-736-A-TD, Dec 2007. 20pp. **Astropart.Phys.29:243-256,2008.** e-Print: arXiv:[0712.1147](#) [astro-ph] Cited 24 times
4. *Correlation of the highest-energy cosmic rays with the positions of nearby active galactic nuclei.*
By Pierre Auger Collaboration ([J. Abraham et al.](#) - includes UniverseNet members from [APC, Paris](#) & [Oxford U., Theor. Phys.](#)). FERMILAB-PUB-07-678-A-TD, Dec 2007. 33pp. **Astropart.Phys.29:188-204,2008.** e-Print: arXiv:[0712.2843](#) [astro-ph] Cited 65 times
5. *Upper limit on the diffuse flux of UHE tau neutrinos from the Pierre Auger Observatory.*
By Pierre Auger Collaboration ([J. Abraham et al.](#) - includes UniverseNet members from [APC, Paris](#) & [Oxford U., Theor. Phys.](#)). FERMILAB-PUB-07-691-A-TD, Dec 2007. 20pp. **Phys.Rev.Lett.100:211101,2008.** e-Print: arXiv:[0712.1909](#) [astro-ph] Cited 18 times
6. *Observation of the suppression of the flux of cosmic rays above 4×10^{19} eV.*
By Pierre Auger Collaboration ([J. Abraham et al.](#) - includes UniverseNet members from [APC, Paris](#) & [Oxford U., Theor. Phys.](#)). FERMILAB-PUB-08-314-A-CD-TD, Jun 2008. 7pp. **Phys.Rev.Lett.101:061101,2008.** e-Print: arXiv:[0806.4302](#) [astro-ph] Cited 27 times
7. *MSSM flat direction inflation: Slow roll, stability, fine tuning and reheating.*
[Rouzbeh Allahverdi](#) ([Perimeter Inst. Theor. Phys.](#)), [Kari Enqvist](#) ([Helsinki U.](#) & [Helsinki Inst. of Phys.](#)), [Juan Garcia-Bellido](#) ([Madrid, Autonoma U.](#)), [Asko Jokinen](#) ([Nordita](#) & [Montpellier U., Astropart. Group](#)), [Anupam Mazumdar](#) ([Nordita](#)). IFT-UAM-CSIC-06-47, Oct 2006. 33pp. **JCAP 0706:019,2007.** e-Print: [hep-ph/0610134](#) * Cited 48 times
8. *Neutrino oscillations in a stochastic model for space-time foam.*
[J. Alexandre](#) ([King's Coll. London](#)), [K. Farakos](#) ([Natl. Tech. U., Athens](#)), [N.E. Mavromatos](#) ([King's Coll. London](#)), [P. Pasipoularides](#) ([Natl. Tech. U., Athens](#)). Dec 2007. 12pp. **Phys.Rev.D77:105001,2008.** e-Print: [arXiv:0712.1779](#) [hep-ph] * Cited 1 time
9. *k-Essence, superluminal propagation, causality and emergent geometry.*
[Eugeny Babichev](#) ([Gran Sasso](#) & [Moscow, INR](#)), [Viatcheslav Mukhanov](#), [Alexander Vikman](#)

- ([ASC, Munich](#) & [Munich U.](#)). LMU-ASC-54-07, Aug 2007. 34pp.
JHEP 0802:101, 2008. e-Print: [arXiv:0708.0561](#) [hep-th] Cited 37 times
10. *Flat tree-level inflationary potentials in light of CMB and LSS Data.*
[G. Ballesteros](#) ([Madrid, IFT](#) & [Madrid, Autonoma U.](#) & [CERN](#)), [J.A. Casas](#), [J.R. Espinosa](#) ([Madrid, IFT](#) & [Madrid, Autonoma U.](#)), [R. Ruiz de Austri](#) ([Madrid, IFT](#) & [Madrid, Autonoma U.](#)), [R. Trotta](#) ([Oxford U.](#)). IFT-UAM-CSIC-07-60, CERN-PH-TH-2007-225, Nov 2007. 42pp.
JCAP 0803:018,2008. e-Print: [arXiv:0711.3436](#) [hep-ph] * Cited 2 times
 11. *Possibly large corrections to the inflationary observables.*
[N. Bartolo](#) ([INFN, Padua](#) & [Padua U.](#)), [A. Riotto](#) ([CERN](#) & [INFN, Padua](#)). CERN-PH-TH-2007-230, Nov 2007. 4pp.
Mod.Phys.Lett.A23:857-862,2008. e-Print: [arXiv:0711.4003](#) [astro-ph] Cited 2 times
 12. *On the physical significance of infra-red corrections to inflationary observables.*
[N. Bartolo](#) ([INFN, Padua](#) & [Padua U.](#)), [S. Matarrese](#) ([INFN, Padua](#) & [Padua U.](#)), [M. Pietroni](#) ([Padua U.](#)), [A. Riotto](#) ([CERN](#) & [INFN, Padua](#)), [D. Seery](#) ([Cambridge U.](#), [DAMTP](#)). Nov 2007. 11pp.
JCAP 0801:015,2008. e-Print: [arXiv:0711.4263](#) [astro-ph] Cited 11 times
 13. *Non-perturbative flat direction decay.*
[Anders Basboll](#) ([Aarhus U.](#)), [David Maybury](#), [Francesco Riva](#), [Stephen M. West](#) ([Oxford U.](#), [Theor. Phys.](#)). OUTP-0702P, Mar 2007. 4pp.
Phys.Rev.D76:065005,2007. e-Print: [hep-ph/0703015](#) * Cited 4 times
 14. *Spontaneous Lorentz breaking and massive gravity.*
[Z. Berezhiani](#) ([Aquila U.](#) & [Gran Sasso](#)), [D. Comelli](#) ([INFN, Ferrara](#)), [F. Nesti](#), [L. Pilo](#) ([Aquila U.](#) & [Gran Sasso](#)). Mar 2007. 4pp.
Phys.Rev.Lett.99:131101,2007. e-Print: [hep-th/0703264](#) Cited 14 times
 15. *A new test of the light dark matter hypothesis.*
[Celine Boehm](#) ([Annecy, LAPTH](#)), [Joseph Silk](#) ([Oxford U.](#)). Aug 2007. 3pp.
Phys.Lett.B661:287-289,2008. e-Print: [arXiv:0708.2768](#) [hep-ph] Cited 6 times
 16. *Is it possible to explain neutrino masses with scalar dark matter?*
[Celine Boehm](#) ([Annecy, LAPTH](#)), [Yasaman Farzan](#) ([IPM, Tehran](#)), [Thomas Hambye](#) ([Madrid, IFT](#)), [Sergio Palomares-Ruiz](#), [Silvia Pascoli](#) ([IPM, Tehran](#)). Feb 15, 2008. 8pp.
Phys.Rev.D77:043516,2008. Cited 2 times
 17. *Stuckelberg axions and the effective action of anomalous Abelian models. I. A Unitarity analysis of the Higgs-axion mixing.*
[Claudio Coriano](#) ([Lecce U.](#) & [INFN, Lecce](#) & [Liverpool U., Dept. Math.](#)), [Nikos Irges](#) ([Crete U.](#)), [Simone Morelli](#) ([Lecce U.](#) & [INFN, Lecce](#) & [Liverpool U., Dept. Math.](#)). Jan 2007. 73pp.
JHEP 0707:008,2007. e-Print: [hep-ph/0701010](#) * Cited 17 times
 18. *A novel string derived Z-prime with stable proton, light-neutrinos and R-parity violation.*
[Claudio Coriano](#) ([Lecce U.](#) & [INFN, Lecce](#)), [Alon E. Faraggi](#) ([Liverpool U., Dept. Math.](#)), [Marco Guzzi](#) ([Lecce U.](#) & [INFN, Lecce](#)). LTH-742, Apr 2007. 16pp.
Eur.Phys.J.C53:421-428,2008. e-Print: [arXiv:0704.1256](#) [hep-ph] * Cited 10 times
 19. *Greybody factors for brane scalar fields in a rotating black-hole background.*
[S. Creek](#) ([Durham U., Dept. of Math.](#)), [O. Eftimiou](#) ([Ioannina U.](#)), [P. Kanti](#) ([Durham U., Dept. of Math.](#) & [Ioannina U.](#)), [K. Tamvakis](#) ([Ioannina U.](#)). Jan 2007. 31pp.
Phys.Rev.D75:084043,2007. e-Print: [hep-th/0701288](#) * Cited 11 times
 20. *Greybody factors in a rotating black-hole background. II. Fermions and gauge bosons.*
[S. Creek](#) ([Durham U., Dept. of Math.](#)), [O. Eftimiou](#) ([Ioannina U.](#)), [P. Kanti](#) ([Durham U., Dept.](#)

- [of Math.](#) & [Ioannina U.](#)), [K. Tamvakis \(Ioannina U.\)](#). Jul 2007. 22pp.
Phys.Rev.D76:104013,2007. e-Print: [arXiv:0707.1768](#) [hep-th] * Cited 7 times
21. *Scalar emission in the bulk in a rotating black hole background.*
[S. Creek \(Durham U., Dept. of Math.\)](#), [O. Efthimiou \(Ioannina U.\)](#), [P. Kanti \(Durham U., Dept. of Math. & Ioannina U.\)](#), [K. Tamvakis \(Ioannina U.\)](#). Sep 2007. 14pp.
Phys.Lett.B656:102-111,2007. e-Print: [arXiv:0709.0241](#) [hep-th] * Cited 7 times
22. *Quantum resonant leptogenesis and minimal lepton flavour violation.*
[Vincenzo Cirigliano \(Los Alamos\)](#), [Andrea De Simone \(MIT, LNS\)](#), [Gino Isidori \(Pisa, Scuola Normale Superiore\)](#), [Isabella Masina \(CERN\)](#), [Antonio Riotto \(CERN & INFN, Padua\)](#). CERN-PH-TH-2007-208, LA-UR-07-7323, MIT-CTP-3889, Nov 2007. 23pp.
JCAP 0801:004,2008. e-Print: [arXiv:0711.0778](#) [hep-ph] * Cited 6 times
23. *Solving the cosmic lithium problems with primordial late-decaying particles.*
[Daniel Cumberbatch \(Oxford U.\)](#), [Kazuhide Ichikawa, Masahiro Kawasaki \(Tokyo U., ICRR\)](#), [Kazunori Kohri \(Lancaster U. & Harvard-Smithsonian Ctr. Astrophys.\)](#), [Joseph Silk \(Oxford U.\)](#), [Glenn D. Starkman \(Oxford U. & Case Western Reserve U.\)](#). Aug 2007. 6pp.
Phys.Rev.D76:123005,2007. e-Print: [arXiv:0708.0095](#) [astro-ph] * Cited 15 times
24. *Solving the flavour problem with hierarchical fermion wave functions.*
[Sacha Davidson \(Lyon, IPN\)](#), [Gino Isidori \(Pisa, Scuola Normale Superiore & Frascati\)](#), [Selma Uhlig \(Munich, Tech. U.\)](#). TUM-HEP-677-07, Nov 2007. 14pp.
Phys.Lett.B663:73-79,2008. e-Print: [arXiv:0711.3376](#) [hep-ph] Cited 12 times
25. *Seesaw mechanism in the sneutrino sector and its consequences.*
[Athanasios Dedes \(Durham U., IPPP & Ioannina U.\)](#), [Howard E. Haber \(UC, Santa Cruz\)](#), [Janusz Rosiek \(Durham U., IPPP & Warsaw, CFT\)](#). IPPP-07-16, CPT-07-32, SCIPP-07-10, Jul 2007. 63pp.
JHEP 0711:059,2007. e-Print: [arXiv:0707.3718](#) [hep-ph] * Cited 8 times
26. *Unparticles Higgs interplay.*
[Antonio Delgado \(CERN\)](#), [Jose R. Espinosa \(Madrid, IFT\)](#), [Mariano Quiros \(Barcelona, IFAE & ICREA, Barcelona\)](#). CERN-PH-TH-2007-129, IFT-UAM-CSIC-07-42, UAB-FT-633, Jul 2007. 14pp.
JHEP 0710:094,2007. e-Print: [arXiv:0707.4309](#) [hep-ph] * Cited 68 times
27. *The Higgs as a portal to plasmon-like unparticle excitations.*
[A. Delgado, J.R. Espinosa \(Madrid, IFT & Madrid, Autonoma U. & CERN\)](#), [J.M. No \(Madrid, IFT & Madrid, Autonoma U.\)](#), [M. Quiros \(Barcelona, Inst. Estudis Catalans & Barcelona, IFAE\)](#). IFT-UAM-CSIC-08-09, CERN-PH-TH-2008-033, UAB-FT-639, Feb 2008.
JHEP 0804:028,2008. e-Print: [arXiv:0802.2680](#) [hep-ph] * Cited 12 times
28. *Localization of gauge fields and monopole tunnelling.*
[G. Dvali \(CERN\)](#), [H.B. Nielsen \(CERN & Bohr Inst.\)](#), [N. Tetradis \(Athens U.\)](#). Oct 2007. 11pp.
Phys.Rev.D77:085005,2008. e-Print: [arXiv:0710.5051](#) [hep-th] Cited 1 time
29. *Power of black hole physics: Seeing through the vacuum landscape.*
[Gia Dvali \(CERN & CCPP, New York\)](#), [Dieter Lust \(ASC, Munich & Munich, Max Planck Inst.\)](#). CERN-PH-TH-2008-003, LMU-ASC-01-08, MPP-2008-6, Jan 2008. 33pp.
e-Print: [arXiv:0801.1287](#) [hep-th] Cited 5 times
30. *Cycling in the throat.*
[Damien Easson, Ruth Gregory \(Durham U., IPPP\)](#), [Gianmassimo Tasinato \(Oxford U.\)](#), [I. Zavala \(Durham U., IPPP\)](#). DCPT-07-03, IPPP-07-02, Jan 2007. 39pp.
JHEP 0704:026,2007. e-Print Archive: [hep-th/0701252](#) * Cited 18 times

31. *CP and lepton-number violation in GUT neutrino models with Abelian flavour symmetries.*
[John R. Ellis \(CERN\)](#), [Mario E. Gomez \(Huelva U.\)](#), [Smaragda Lola \(Patras U.\)](#). CERN-PH-TH-2006-181, Dec 2006. 28pp.
JHEP 0707:052,2007. e-Print: [hep-ph/0612292](#) * Cited 4 times
32. *The fine-tuning price of neutralino dark matter in models with non-universal Higgs masses.*
[John Ellis \(CERN\)](#), [S.F. King \(Southampton U.\)](#), [J.P. Roberts \(Warsaw U.\)](#). Nov 2007. 42pp.
JHEP 0804:099,2008. e-Print: [arXiv:0711.2741](#) [hep-ph]
33. *Derivation of a vacuum refractive index in a stringy space-time foam model.*
[John Ellis \(CERN\)](#), [N.E. Mavromatos \(King's Coll. London\)](#), [D.V. Nanopoulos \(Texas A-M & HARC, Woodlands & Athens Academy\)](#). ACT-01-08, CERN-PH-TH-2008-072, MIFP-08-07, Apr 2008. 8pp.
Phys.Lett.B665:412-417, 2008. e-Print: [arXiv:0804.3566](#) [hep-th] * Cited 6 times
34. *Probes of Lorentz violation in neutrino propagation.*
[John Ellis \(CERN\)](#), [Nicholas Harries \(CERN & Oxford U., Theor. Phys.\)](#), [Anselmo Meregaglia \(Louis Pasteur U., Strasbourg I\)](#), [Andre Rubbia \(Zurich, ETH\)](#), [Alexander Sakharov \(CERN & Zurich, ETH\)](#). CERN-PH-TH-2008-088, May 2008. 31pp.
Phys.Rev.D78:033013,2008. e-Print: [arXiv:0805.0253](#) [hep-ph] * Cited 1 time
35. *Seesaw mechanism for scalar fields as possible basis for dark energy.*
[Kari Enqvist \(Helsinki Inst. of Phys.\)](#), [Steen Hannestad \(Aarhus U.\)](#), [Martin S. Sloth \(Aarhus U.\)](#). HIP-2007-09-TH, Feb 2007. 8p.
Phys.Rev.Lett.99:031301,2007. e-Print: [hep-ph/0702236](#) Cited 3 times
36. *Cosmological implications of the Higgs mass measurement.*
[J.R. Espinosa \(Madrid, IFT & Madrid, Autonoma U.\)](#), [G.F. Giudice \(CERN\)](#), [A. Riotto \(CERN & INFN, Padua\)](#). CERN-PH-TH-2007-179, IFT-UAM-CSIC-07-50, Oct 2007. 28pp.
JCAP 0805:002,2008. e-Print: [arXiv:0710.2484](#) [hep-ph] * Cited 6 times
37. *On the onset of inflation in loop quantum cosmology.*
[Cristiano Germani \(SISSA, Trieste & INFN, Trieste\)](#), [William Nelson](#), [Mairi Sakellariadou \(King's Coll. London\)](#). SISSA-85-2006-EP, Jan 2007. 18pp.
Phys.Rev.D76:043529,2007. e-Print: [gr-qc/0701172](#) * Cited 13 times
38. *Supersymmetric leptogenesis and the gravitino bound.*
[G.F. Giudice \(CERN\)](#), [L. Mether \(CERN & Helsinki Inst. of Phys.\)](#), [A. Riotto \(CERN & INFN, Padua\)](#), [F. Riva \(CERN & Oxford U., Theor. Phys.\)](#). CERN-PH-TH-2008-059, Apr 2008. 9pp.
Phys.Lett.B664:21-24,2008. e-Print: [arXiv:0804.0166](#) [hep-ph] * Cited 5 times
39. *Heterotic string compactifications on half-flat manifolds. II.*
[Sebastien Gurreri \(Kwansei Gakuin U.\)](#), [Andre Lukas \(Oxford U., Theor. Phys.\)](#), [Andrei Micu \(Bonn U.\)](#). Sep 2007. 31pp.
JHEP 0712:081,2007. e-Print: [arXiv:0709.1932](#) [hep-th] * Cited 6 times
40. *Nonlinear corrections to the cosmological matter power spectrum and scale-dependent galaxy bias: implications for parameter estimation.*
[Jan Hamann \(Annecy, LAPTH\)](#), [Steen Hannestad \(Aarhus U.\)](#), [Alessandro Melchiorri](#), [Yvonne Y.Y. Wong](#). LAPTH-1242-08, MPP-2008-33, Apr 2008. 21pp.
JCAP 0807:017,2008. e-Print: [arXiv:0804.1789](#) [astro-ph] Cited 5 times
41. *Observable electron EDM and leptogenesis.*
[F.R. Joaquim \(INFN, Padua & Padua U.\)](#), [I. Masina \(CERN\)](#), [A. Riotto \(CERN & INFN, Padua & Geneva U., Dept. Theor. Phys.\)](#). CERN-PH-TH-2007-023, DFPD-07-TH-01, Jan 2007. 26pp.
Int.J.Mod.Phys.A22:6253-6278,2007. e-Print: [hep-ph/0701270](#) Cited 6 times

42. *Smoothly evolving supercritical-string dark energy relaxes supersymmetric-dark-matter constraints.*
[A.B. Lahanas \(Athens U.\)](#), [N.E. Mavromatos \(King's Coll. London\)](#), [Dimitri V. Nanopoulos \(Texas A-M & HARC, Woodlands & Athens Academy\)](#). ACT-09-06, MIFP-06-34, Dec 2006. 13pp.
Phys.Lett.B649:83-90,2007. e-Print: [hep-ph/0612152](#) * Cited 14 times
43. *Dilaton and off-shell (non-critical string) effects in Boltzmann equation for species abundances.*
[A.B. Lahanas \(Athens U.\)](#), [N.E. Mavromatos \(King's Coll. London\)](#), [Dimitri V. Nanopoulos \(Texas A-M & HARC, Woodlands & Athens Academy\)](#). ACT-06-06, MIFP-06-20, Aug 2006. 12pp.
PMC Phys.A1:2,2007. e-Print: [hep-ph/0608153](#) Cited 7 times
44. *Curvature and isocurvature perturbations in two-field inflation.*
[Z. Lalak \(Warsaw U.\)](#), [D. Langlois \(Paris U. VII, APC & Paris U. VI, GRECO\)](#), [S. Pokorski \(Warsaw U.\)](#), [K. Turzynski \(Warsaw U. & Michigan U.\)](#). Apr 2007. 29pp.
JCAP 0707:014,2007. e-Print: [arXiv:0704.0212](#) [hep-th] * Cited 24 times
45. *A combined analysis of Lyman-alpha forest, 3D weak lensing and WMAP year three data.*
[J. Lesgourgues \(Annecy, LAPTH\)](#), [M. Viel \(Trieste Observ. & INFN, Trieste\)](#), [M.G. Haehnelt \(Cambridge U., Inst. of Astron.\)](#), [R. Massey \(Caltech\)](#). LAPTH-1182-07, May 2007. 7pp.
JCAP 0711:008,2007. e-Print: [arXiv:0705.0533](#) [astro-ph] * Cited 6 times
46. *Quantum-Gravity Decoherence Effects in Neutrino Oscillations: Expected Constraints From CNGS and J-PARC.*
[Nick E. Mavromatos \(King's Coll. London\)](#), [Anselmo Meregaglia \(Zurich, ETH & Louis Pasteur U., Strasbourg I\)](#), [Andre Rubbia \(Zurich, ETH\)](#), [Alexander Sakharov \(Zurich, ETH & CERN\)](#), [Sarben Sarkar \(King's Coll. London\)](#). CERN-TH-PH-2007-267, Dec 2007. 40pp.
Phys.Rev.D77:053014,2008. e-Print: [arXiv:0801.0872](#) [hep-ph] * Cited 4 times
47. *Cosmological evolution of regularized branes in 6D warped flux compactifications.*
[Masato Minamitsuji \(ASC, Munich & Munich U.\)](#), [David Langlois \(APC, Paris & Paris, Inst. Astrophys.\)](#). LMU-ASC-47-07, Jul 2007. 13pp.
Phys.Rev.D76:084031,2007. e-Print: [arXiv:0707.1426](#) [hep-th] Cited 19 times
48. *Regularization of conical singularities in warped six-dimensional compactifications.*
[Eleftherios Papantonopoulos \(Natl. Tech. U., Athens\)](#), [Antonios Papazoglou \(APC, Paris & Paris U. VI, GRECO & IPT, Lausanne\)](#), [Vassilios Zamarias \(Natl. Tech. U., Athens\)](#). Nov 2006. 22pp.
JHEP 0703:002,2007. e-Print: [hep-th/0611311](#) * Cited 30 times
49. *On resumming inflationary perturbations beyond one-loop.*
[Antonio Riotto \(CERN & INFN, Padua\)](#), [Martin S. Sloth \(Aarhus U.\)](#). CERN-PH-TH-2008-006, Jan 2008. 18pp.
JCAP 0804:030,2008. e-Print: [arXiv:0801.1845](#) [hep-ph] Cited 9 times

Inter-team publications (2007-08) - preprints

50. *Parameterizing the Effect of dark energy perturbations on the growth of structures.*
[G. Ballesteros \(Madrid, IFT & Madrid, Autonoma U.\)](#), [A. Riotto \(CERN & INFN, Padua\)](#). CERN-PH-TH-2008-160, IFT-UAM-CSIC-08-46, Jul 2008.
e-Print: [arXiv:0807.3343](#) [astro-ph] * Cited 3 times
51. *Exact spherically symmetric solutions in massive gravity.*
[Z. Berezhiani \(Aquila U. & Gran Sasso\)](#), [D. Comelli \(INFN, Ferrara\)](#), [F. Nesti](#), [L. Pilo \(Aquila](#)

- [U.](#) & [Gran Sasso](#)). Mar 2008. 20pp.
e-Print: [arXiv:0803.1687](#) [hep-th] * Cited 3 times
52. *Precision studies of the NNLO DGLAP evolution at the LHC with CANDIA.*
[Alessandro Cafarella](#) ([Democritos Nucl. Res. Ctr.](#)), [Claudio Coriano](#) ([Salento U.](#) & [INFN, Lecce](#) & [Crete U.](#)), [Marco Guzzi](#) ([Salento U.](#) & [INFN, Lecce](#)). Mar 2008. 30pp.
e-Print: [arXiv:0803.0462](#) [hep-ph] * Cited 4 times
53. *Flaxino dark matter and stau decay.*
[Eung Jin Chun](#), [Hang Bae Kim](#) ([Hanyang U.](#)), [Kazunori Kohri](#), [David H. Lyth](#) ([Lancaster U.](#)). Jan 2008. 9pp.
e-Print: [arXiv:0801.4108](#) [hep-ph]* Cited 2 times
54. *Searching for extra Z-prime from strings and other models at the LHC with leptoproduction.*
[Claudio Coriano](#) ([Salento U.](#) & [INFN, Lecce](#) & [Crete U.](#)), [Alon E. Faraggi](#) ([Liverpool U., Dept. Math.](#)), [Marco Guzzi](#) ([Salento U.](#) & [INFN, Lecce](#)). LTH-780, Feb 2008. 34pp.
e-Print: [arXiv:0802.1792](#) [hep-ph] * Cited 10 times
55. *Supersymmetry signals of supercritical string cosmology at the Large Hadron Collider.*
[Bhaskar Dutta](#), [Alfredo Gurrola](#), [Teruki Kamon](#), [Abram Krislock](#), [A.B. Lahanas](#) ([Athens U.](#)), [N.E. Mavromatos](#) ([King's Coll. London](#)), [D.V. Nanopoulos](#). MIFP-08-20, Aug 2008. 26pp.
e-Print: [arXiv:0808.1372](#) [hep-ph] * Cited 1 time
56. *Cosmic-ray nuclei, antiprotons and gamma-rays in the Galaxy: a new diffusion model.*
[C. Evoli](#) ([INFN, Trieste](#)), [D. Gaggero](#), [D. Grasso](#) ([INFN, Pisa](#)), [L. Maccione](#). Jul 2008. 17pp.
e-Print: [arXiv:0807.4730](#) [astro-ph] * Cited 1 time
57. *Bulk photons in asymmetrically warped space-times and non-trivial vacuum refractive index.*
[K. Farakos](#) ([Natl. Tech. U., Athens](#)), [N.E. Mavromatos](#) ([King's Coll. London](#)), [P. Pasipoularides](#) ([Natl. Tech. U., Athens](#)). Jul 2008. 18pp.
e-Print: [arXiv:0807.0870](#) [hep-th] *
58. *(A)dS exchanges and partially-massless higher spins.*
[D. Francia](#) ([Chalmers U. Tech.](#)), [J. Mourad](#) ([APC, Paris](#)), [A. Sagnotti](#) ([Pisa, Scuola Normale Superiore](#) & [INFN, Pisa](#)). Mar 2008. 39pp.
e-Print: [arXiv:0803.3832](#) [hep-th] Cited 7 times
59. *Observing trans-Planckian ripples in the primordial power spectrum with future large scale structure probes.*
[Jan Hamann](#) ([Annecy, LAPTH](#)), [Steen Hannestad](#) ([Aarhus U.](#)), [Martin S. Sloth](#) ([Aarhus U.](#)), [Yvonne Y.Y. Wong](#). LAPTH-1263-08, MPP-2008-88, Jul 2008. 20pp.
e-Print: [arXiv:0807.4528](#) [astro-ph] Cited 2 times
60. *Constraints on large scale voids from WMAP-5 and SDSS.*
[Paul Hunt](#) ([Warsaw U.](#)), [Subir Sarkar](#) ([Oxford U., Theor. Phys.](#)). Jul 2008. 15pp.
e-Print: [arXiv:0807.4508](#) [astro-ph] * Cited 5 times
61. *Constraining the cosmic ray source spectrum from observations in the GZK regime.*
[M. Kachelriess](#), [E. Parizot](#) ([APC, Paris](#)), [D.V. Semikoz](#) ([APC, Paris](#) & [CERN](#)). Nov 2007. 14pp.
e-Print: [arXiv:0711.3635](#) [astro-ph] Cited 4 times
62. *Dynamics of domain walls for split and runaway potentials.*
[Z. Lalak](#) ([Warsaw U.](#)), [S. Lola](#) ([Patras U.](#)), [P. Magnowski](#) ([Warsaw U.](#)). CERN-TH-210, Oct 2007. 30pp.
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