

# Joint publications 01.10.04-30.09.06

All papers can be obtained from their reference number in the archives

<http://xxx.lanl.gov> from USA

<http://xxx.lpthe.jussieu.fr/> from France

<http://xxx.soton.ac.uk/> from U.K.

<http://physinfo.uni-augsburg.de/> from Germany

<http://babbage.sissa.it/> from Italy

which form the main publication method in our field of research. The number of citations is indicated in parenthesis, as asked in the guidelines. Of course recent articles can not yet have many citations, and are thus under-valuated in this way. We also indicate with **YR**, the papers to which young researchers of our network contributed and display with bold type their names.

## 1 Published papers

- [1] I. Antoniadis, K. S. Narain and T. R. Taylor, “Open string topological amplitudes and gaugino masses,” Nucl. Phys. B **729** (2005) 235 [arXiv:hep-th/0507244]. (Palaiseau/CERN, Trieste) (cited 7 times)
- [2] I. Antoniadis and T. Maillard, “Moduli stabilization from magnetic fluxes in type I string theory,” Nucl. Phys. B **716** (2005) 3 [arXiv:hep-th/0412008]. (Palaiseau, CERN) (cited 38 times)
- [3] I. Antoniadis and S. Dimopoulos, “Splitting supersymmetry in string theory,” Nucl. Phys. B **715** (2005) 120 [arXiv:hep-th/0411032]. (Palaiseau/CERN, US team) (cited 49 times)
- [4] I. Antoniadis, M. Tuckmantel and F. Zwirner, “Phenomenology of a leptonic goldstino and invisible Higgs boson decays,” Nucl. Phys. B **707** (2005) 215 [arXiv:hep-ph/0410165]. (Palaiseau, CERN, INFN) (cited 4 time)
- [5] E. Dudas, G. Pradisi, M. Nicolosi and A. Sagnotti, “On tadpoles and vacuum redefinitions in string theory,” Nucl. Phys. B **708** (2005) 3 [arXiv:hep-th/0410101]. (Palaiseau, INFN) (cited 17 times)
- [6] E. Dudas and M. Quiros, “Five-dimensional massive vector fields and radion stabilization,” Nucl. Phys. B **721** (2005) 309 [arXiv:hep-th/0503157]. (Palaiseau, Madrid) (cited 12 times)
- [7] F. Bigazzi, R. Casero, A. L. Cotrone, E. Kiritsis and A. Paredes, “Non-critical holography and four-dimensional CFT’s with fundamentals,” JHEP **0510** (2005) 012 [arXiv:hep-th/0505140]. (Palaiseau, INFN) (cited 9 times)
- [8] M. Grana, R. Minasian, M. Petrini and A. Tomasiello, “Generalized structures of  $N = 1$  vacua,” JHEP **0511** (2005) 020 [arXiv:hep-th/0505212]. (Palaiseau, USA team) (cited 35 times)

- [9] J. P. Derendinger, C. Kounnas, P. M. Petropoulos and F. Zwirner, “Superpotentials in IIA compactifications with general fluxes,” Nucl. Phys. B **715** (2005) 211 [arXiv:hep-th/0411276]. (Palaiseau, INFN, CERN) (cited 55 times)
- [10] E. J. Chun, A. Masiero, A. Rossi and S. K. Vempati, “A predictive seesaw scenario for EDMs,” Phys. Lett. B **622** (2005) 112 [arXiv:hep-ph/0502022]. (Palaiseau, INFN) (cited 8 times)
- [11] L. Baulieu and A. Tanzini, “Topological symmetry of forms,  $N = 1$  supersymmetry and S-duality on special manifolds,” J. Geom. Phys. **56** (2006) 2379 [arXiv:hep-th/0412014]. (Palaiseau, Trieste) (cited 10 times)
- [12] S. C. Davis, P. Binetruy and A. C. Davis, “Local axion cosmic strings from superstrings,” Phys. Lett. B **611** (2005) 39 [arXiv:hep-th/0501200]. (Palaiseau, Oxford) (cited 8 times)
- [13] Y. Rasera, R. Teyssier, P. Sizun, B. Cordier, J. Paul, M. Casse and P. Fayet, “Soft gamma-ray background and light dark matter annihilation,” Phys. Rev. D **73** (2006) 103518 [arXiv:astro-ph/0507707]. (Palaiseau, Saclay) (cited 9 times)
- [14] I. Antoniadis, A. Delgado, K. Benakli, M. Quiros and M. Tuckmantel, “Splitting extended supersymmetry,” Phys. Lett. B **634** (2006) 302 [arXiv:hep-ph/0507192]. (Palaiseau, CERN, Madrid) (cited 10 times)
- [15] M. Grana, J. Louis and D. Waldram, “Hitchin functionals in  $N = 2$  supergravity,” JHEP **0601** (2006) 008 [arXiv:hep-th/0505264]. (Palaiseau, Bonn) (cited 39 times)
- [16] P. Brax, N. Chatillon and D. A. Steer, “Effective actions of a Gauss-Bonnet brane world with brane curvature terms,” Phys. Lett. B **608** (2005) 130 [arXiv:hep-th/0411058]. (Palaiseau, Saclay) (cited 4 times)
- [17] M. B. Green and P. Vanhove, “Duality and higher derivative terms in M theory,” JHEP **0601** (2006) 093 [arXiv:hep-th/0510027]. (Saclay, Oxford) (cited 9 times)
- [18] P. Brax, C. v. de Bruck, A. C. Davis and A. M. Green, “Small Scale Structure Formation in Chameleon Cosmology,” Phys. Lett. B **633** (2006) 441 [arXiv:astro-ph/0509878]. (Saclay, Oxford) (cited 7 times)
- [19] C. Ringeval, P. Brax, C. v. de Bruck and A. C. Davis, “Boundary inflation and the WMAP data,” Phys. Rev. D **73** (2006) 064035 [arXiv:astro-ph/0509727]. (Saclay, Oxford) (cited 2 times)
- [20] P. Brax, C. van de Bruck and A. C. Davis, “Cosmic acceleration in massive half-maximal supergravity,” Phys. Lett. B **609**, 13 (2005) [arXiv:hep-th/0411208]. (Saclay, Oxford) (cited 4 times)
- [21] P. H. Chankowski, K. Kowalska, S. Lavignac and S. Pokorski, “Update on fermion mass models with an anomalous horizontal  $U(1)$  symmetry,” Phys. Rev. D **71**, 055004 (2005) [arXiv:hep-ph/0501071]. (Saclay, Warsaw) (cited 11 times)
- [22] I. Masina and C. A. Savoy, “On power and complementarity of the experimental constraints on seesaw models,” Phys. Rev. D **71**, 093003 (2005) [arXiv:hep-ph/0501166]. (Saclay, INFN) (cited 11 times)

- [23] P. A. Grassi and P. Vanhove, “Topological M theory from pure spinor formalism,” *Adv. Theor. Math. Phys.* **9** (2005) 285 [arXiv:hep-th/0411167]. (Saclay, INFN) (cited 19 times)
- [24] D. Hooper and G. Servant, “Indirect detection of Dirac right-handed neutrino dark matter,” *Astropart. Phys.* **24**, 231 (2005) [arXiv:hep-ph/0502247]. (Saclay, Oxford) (cited 9 times)
- [25] G. Weiglein *et al.* [LHC/LC Study Group], “Physics interplay of the LHC and the ILC,” *Phys. Rept.* **426** (2006) 47 [arXiv:hep-ph/0410364]. (Bonn, Palaiseau, INFN, Valencia, Oxford, Warsaw, CERN) (cited 120 times)
- [26] R. D’Auria, S. Ferrara, M. Trigiante and S. Vaula, “Gauging the Heisenberg algebra of special quaternionic manifolds,” *Phys. Lett. B* **610** (2005) 147 [arXiv:hep-th/0410290]. (Bonn, CERN) (Citations: 18)
- [27] K. Choi, A. Falkowski, H. P. Nilles, M. Olechowski and S. Pokorski, “Stability of flux compactifications and the pattern of supersymmetry breaking,” *JHEP* **0411** (2004) 076 [arXiv:hep-th/0411066]. (Bonn, Warsaw) (Citations: 68)
- [28] J. F. Morales and H. Samtleben, “Higher spin holography for SYM in d dimensions,” *Phys. Lett. B* **607** (2005) 286 [arXiv:hep-th/0411246]. (Bonn, CERN) (Citations: 5)
- [29] R. D’Auria, S. Ferrara, M. Trigiante and S. Vaula, “Scalar potential for the gauged Heisenberg algebra and a non-polynomial antisymmetric tensor theory,” *Phys. Lett. B* **610** (2005) 270 [arXiv:hep-th/0412063]. (Bonn, CERN) (Citations: 9)
- [30] S. Antusch, J. Kersten, M. Lindner, M. Ratz and M. A. Schmidt, “Running neutrino mass parameters in see-saw scenarios,” *JHEP* **0503** (2005) 024 [arXiv:hep-ph/0501272]. (Bonn, Oxford) (Citations: 48)
- [31] R. D’Auria, S. Ferrara, M. Trigiante and S. Vaula, “N = 1 reductions of N = 2 supergravity in the presence of tensor multiplets,” *JHEP* **0503** (2005) 052 [arXiv:hep-th/0502219]. (Bonn, CERN) (Citations: 10)
- [32] K. Choi, A. Falkowski, H. P. Nilles and M. Olechowski, “Soft supersymmetry breaking in KKLT flux compactification,” *Nucl. Phys. B* **718** (2005) 113 [arXiv:hep-th/0503216]. (Bonn, Warsaw) (Citations: 68)
- [33] Y. Giomataris and J. D. Vergados, “A network of neutral current spherical TPC’s for dedicated supernova detection,” *Phys. Lett. B* **634** (2006) 23 [arXiv:hep-ex/0503029]. (Saclay, Greece) (cited 1 time)
- [34] T. Dent, G. Lazarides and R. Ruiz de Austri, “Non-thermal leptogenesis via direct inflaton decay without  $SU(2)_L$  triplets,” *Phys. Rev. D* **72** (2005) 043502 [arXiv:hep-ph/0503235]. (Greece, Madrid) (7 citations).
- [35] G. von Gersdorff, L. Pilo, M. Quiros, A. Riotto and V. Sanz, “Supersymmetry from boundary conditions,” *Nucl. Phys. B* **712** (2005) 3 [arXiv:hep-th/0411133]. (INFN, Madrid, Valencia) (Citations: 6)

- [36] T. Gregoire, R. Rattazzi, C. A. Scrucca, A. Strumia and E. Trincherini, “Gravitational quantum corrections in warped supersymmetric brane worlds,” Nucl. Phys. B **720** (2005) 3 [arXiv:hep-th/0411216]. (INFN, CERN) (Citations: 23)
- [37] A. Masiero, S. Profumo and P. Ullio, “Neutralino dark matter detection in split supersymmetry scenarios,” Nucl. Phys. B **712** (2005) 86 [arXiv:hep-ph/0412058]. (INFN, Trieste) (Citations: 52)
- [38] J. Bernabeu, J. Papavassiliou and M. Passera, “Dynamical zero in anti- $\nu/e - e -$  scattering and the neutrino magnetic moment,” Phys. Lett. B **613** (2005) 162 [arXiv:hep-ph/0412165]. (INFN, Valencia)
- [39] M. Bona *et al.* [UTfit Collaboration], “The 2004 UTfit collaboration report on the status of the unitarity triangle in the standard model,” JHEP **0507** (2005) 028 [arXiv:hep-ph/0501199]. (INFN, Saclay) (Citations: 95)
- [40] B. C. Allanach, A. Brignole and L. E. Ibanez, “Phenomenology of a fluxed MSSM,” JHEP **0505** (2005) 030 [arXiv:hep-ph/0502151]. (INFN, Madrid, Oxford) (Citations: 11)
- [41] F. del Aguila, J. A. Aguilar-Saavedra, A. Martinez de la Ossa and D. Meloni, “Flavour and polarisation in heavy neutrino production at  $e+ e-$  colliders,” Phys. Lett. B **613** (2005) 170 [arXiv:hep-ph/0502189]. (INFN, Lisbon) (Citations: 13)
- [42] G. Martinelli, M. Salvatori, C. A. Scrucca and L. Silvestrini, “Minimal gauge-Higgs unification with a flavour symmetry,” JHEP **0510** (2005) 037 [arXiv:hep-ph/0503179]. (INFN, Madrid) (Citations: 14)
- [43] G. Altarelli and F. Feruglio, “Tri-bimaximal neutrino mixing from discrete symmetry in extra dimensions,” Nucl. Phys. B **720** (2005) 64 [arXiv:hep-ph/0504165]. (INFN, CERN) (Citations: 60)
- [44] C. Bobeth, M. Bona, A. J. Buras, T. Ewerth, M. Pierini, L. Silvestrini and A. Weiler, “Upper bounds on rare K and B decays from minimal flavor violation,” Nucl. Phys. B **726** (2005) 252 [arXiv:hep-ph/0505110]. (INFN, Saclay) (Citations: 24)
- [45] R. Barbieri, L. J. Hall, S. J. Oliver and A. Strumia, “Dark energy and right-handed neutrinos,” Phys. Lett. B **625** (2005) 189 [arXiv:hep-ph/0505124]. (INFN, USA, CERN) (Citations: 16)
- [46] A. Donini, D. Meloni and S. Rigolin, “The impact of solar and atmospheric parameter uncertainties on the measurement of  $\theta(13)$  and  $\delta$ ,” Eur. Phys. J. C **45** (2006) 73 [arXiv:hep-ph/0506100]. (INFN, Madrid) (Citations: 8)
- [47] J. Foster, K. I. Okumura and L. Roszkowski, “Probing the flavour structure of supersymmetry breaking with rare B-processes: A beyond leading order analysis,” JHEP **0508** (2005) 094 [arXiv:hep-ph/0506146]. (INFN, Oxford) (Citations: 11)
- [48] G. C. Branco, R. Gonzalez Felipe, F. R. Joaquim and B. M. Nobre, “Enlarging the window for radiative leptogenesis,” Phys. Lett. B **633** (2006) 336 [arXiv:hep-ph/0507092]. (INFN, Lisbon) (Citations: 21)

- [49] D. Becirevic, G. Martinelli and G. Villadoro, “The Ademollo-Gatto theorem for lattice semileptonic decays,” *Phys. Lett. B* **633** (2006) 84 [arXiv:hep-lat/0508013]. (INFN, Saclay) (Citations: 5)
- [50] M. Bona *et al.* [UTfit Collaboration], “The UTfit collaboration report on the status of the unitarity triangle beyond the standard model. I: Model-independent analysis and minimal flavour violation,” *JHEP* **0603** (2006) 080 [arXiv:hep-ph/0509219]. (INFN, Saclay) (Citations: 47)
- [51] N. Bartolo, E. W. Kolb and A. Riotto, “Post-inflation increase of the cosmological tensor-to-scalar perturbation ratio,” *Mod. Phys. Lett. A* **20** (2005) 3077 [arXiv:astro-ph/0507573]. (Trieste, INFN) (Citations: 6)
- [52] N. Bartolo, S. Matarrese and A. Riotto, “Non-Gaussianity of Large-Scale CMB Anisotropies beyond Perturbation Theory,” *JCAP* **0508** (2005) 010 [arXiv:astro-ph/0506410]. (Trieste, INFN) (Citations: 13)
- [53] N. Bartolo, S. Matarrese and A. Riotto, “Signatures of Primordial Non-Gaussianity in the Large-Scale Structure of the Universe,” *JCAP* **0510** (2005) 010 [arXiv:astro-ph/0501614]. (Trieste, INFN) (Citations: 2)
- [54] S. K. Ashok, S. Murthy and J. Troost, “D-branes in non-critical superstrings and minimal super Yang-Mills in various dimensions,” *Nucl. Phys. B* **749** (2006) 172 [arXiv:hep-th/0504079]. (Trieste, Palaiseau) (Citations: 11)
- [55] S. D. Avramis, A. Kehagias and S. Randjbar-Daemi, “A new anomaly-free gauged supergravity in six dimensions,” *JHEP* **0505** (2005) 057 [arXiv:hep-th/0504033]. (Trieste, Greece) (Citations: 9)
- [56] K. Hamaguchi and A. Ibarra, “Probing lepton flavour violation in slepton NLSP scenarios,” *JHEP* **0502** (2005) 028 [arXiv:hep-ph/0412229]. (Madrid, Bonn) (cited 5 times)
- [57] S. Franco, A. Hanany, F. Saad and A. M. Uranga, “Fractional branes and dynamical supersymmetry breaking,” *JHEP* **0601** (2006) 011 [arXiv:hep-th/0505040]. (Madrid, CERN) (35 citations)
- [58] J. F. G. Cascales, F. Saad and A. M. Uranga, “Holographic dual of the standard model on the throat,” *JHEP* **0511** (2005) 047 [arXiv:hep-th/0503079]. (Madrid, CERN) (9 citations)
- [59] Y. Mambrini, C. Munoz, E. Nezri and F. Prada, “Adiabatic compression and indirect detection of supersymmetric dark matter,” *JCAP* **0601** (2006) 010 [arXiv:hep-ph/0506204]. (Madrid, Palaiseau) (cited 10 times)
- [60] S. Baek, D. G. Cerdeno, Y. G. Kim, P. Ko and C. Munoz, “Direct detection of neutralino dark matter in supergravity,” *JHEP* **0506** (2005) 017 [arXiv:hep-ph/0505019]. (Madrid, CERN) (cited 11 times)
- [61] D. G. Cerdeno, K. Y. Choi, K. Jedamzik, L. Roszkowski and R. Ruiz de Austri, “Gravitino dark matter in the CMSSM with improved constraints from BBN,” *JCAP* **0606** (2006) 005 [arXiv:hep-ph/0509275]. (Madrid, CERN, Oxford) (cited 22 times)

- [62] R. Dermisek, S. Raby, L. Roszkowski and R. Ruiz de Austri, “Dark matter and  $B/s \rightarrow \mu^+\mu^-$  with minimal SO(10) soft SUSY breaking II,” JHEP **0509** (2005) 029 [arXiv:hep-ph/0507233]. (Madrid, Oxford) (cited 12 times)
- [63] A. Provenza, M. Quiros and P. Ullio, “Electroweak baryogenesis, large Yukawas and dark matter,” JHEP **0510** (2005) 048 [arXiv:hep-ph/0507325]. (Madrid, Trieste) (cited 2 times)
- [64] M. Malinsky, J. C. Romao and J. W. F. Valle, “Supersymmetric SO(10) Seesaw Mechanism with Low B-L Scale,” Phys. Rev. Lett. **95**, 161801 (2005) [arXiv:hep-ph/0506296]. (Valencia, Trieste, Lisbon) (Cited 7 time)
- [65] M. Hirsch, C. Hugonie, J. C. Romao and J. W. F. Valle, “Charge breaking minima in the broken R-parity minimal supersymmetric standard model,” JHEP **0503**, 020 (2005) [arXiv:hep-ph/0411129]. (Valencia, Lisbon) (cited 1 time)
- [66] M. Hirsch, J. C. Romao, J. W. F. Valle and A. Villanova del Moral, “Invisible Higgs boson decays in spontaneously broken R-parity,” Phys. Rev. D **70** (2004) 073012 [arXiv:hep-ph/0407269]. (Valencia, Lisbon) (Cited 10 times)
- [67] E. W. N. Glover *et al.*, “Top quark physics,” Acta Phys. Polon. B **35**, 2671 (2004) [arXiv:hep-ph/0410110]. (Valencia, Oxford, CERN) (Cited 8 times)
- [68] S. Kraml and W. Porod, “Sfermion decays into singlets and singlinos in the NMSSM,” Phys. Lett. B **626** (2005) 175, arXiv:hep-ph/0507055. (Valencia, CERN) (cited 1 time)
- [69] J. A. Aguilar-Saavedra, F. J. Botella, G. C. Branco and M. Nebot, “The size of  $\chi = \arg(-V(ts)V(tb)^*V(cs)^*V(cb))$  and physics beyond the standard model,” Nucl. Phys. B **706**, 204 (2005) [arXiv:hep-ph/0406151]. (Lisbon, Valencia) (Cited 6 times)
- [70] F. J. Botella, G. C. Branco, M. Nebot and M. N. Rebelo, “New physics and evidence for a complex CKM,” Nucl. Phys. B **725** (2005) 155 [arXiv:hep-ph/0502133]. (Lisbon, Valencia, CERN) (Cited 17 times)
- [71] D. F. Carvalho, J. R. Ellis, M. E. Gomez, S. Lola and J. C. Romao, “Tau flavour violation in sparticle decays at the LHC,” Phys. Lett. B **618** (2005)162 [arXiv:hep-ph/0206148]. (Lisbon, CERN) (Cited 17 times)
- [72] T. Hambye, M. Raidal and A. Strumia, “Efficiency and maximal CP-asymmetry of scalar triplet leptogenesis,” Phys. Lett. B **632** (2006) 667 [arXiv:hep-ph/0510008]. (Oxford, INFN) (cited 16 times)
- [73] A. Falkowski, O. Lebedev and Y. Mambrini, “SUSY phenomenology of KKLT flux compactifications,” JHEP **0511** (2005) 034 [arXiv:hep-ph/0507110]. (Warsaw, Palaiseau) (34 citations)
- [74] L. Alvarez-Gaume, C. Gomez, H. Liu and S. Wadia, “Finite temperature effective action, AdS(5) black holes, and 1/N expansion,” Phys. Rev. D **71** (2005) 124023 [arXiv:hep-th/0502227]. (CERN, Madrid) (25 citations)
- [75] V. Bozza and G. Veneziano, “Regular two-component bouncing cosmologies and perturbations therein,” JCAP **0509** (2005) 007 [arXiv:gr-qc/0506040]. (CERN, INFN) (11 citations)

- [76] V. Bozza and G. Veneziano, “Scalar perturbations in regular two-component bouncing cosmologies,” *Phys. Lett. B* **625** (2005) 177 [arXiv:hep-th/0502047]. (CERN, INFN) (13 citations)
- [77] L. Andrianopoli, S. Ferrara, M. A. Lledo and O. Macia, “Integration of massive states as contractions of non linear sigma-models,” *J. Math. Phys.* **46** (2005) 072307 [arXiv:hep-th/0503196]. (CERN, Valencia) (cited 4 times)
- [78] S. Pascoli, S. T. Petcov and T. Schwetz, “The absolute neutrino mass scale, neutrino mass spectrum, Majorana CP-violation and neutrinoless double-beta decay,” *Nucl. Phys. B* **734** (2006) 24 [arXiv:hep-ph/0505226]. (CERN, Trieste) (40 citations)
- [79] S. Palomares-Ruiz, S. Pascoli and T. Schwetz, “Explaining LSND by a decaying sterile neutrino,” *JHEP* **0509** (2005) 048 [arXiv:hep-ph/0505216]. (CERN, Trieste) (13 citation)
- [80] A. Brandenburg, L. Covi, K. Hamaguchi, L. Roszkowski and F. D. Steffen, “Signatures of axinos and gravitinos at colliders,” *Phys. Lett. B* **617** (2005) 99 [arXiv:hep-ph/0501287]. (CERN, Oxford, Bonn) (26 citations)
- [81] N. Arkani-Hamed, S. Dimopoulos, G. F. Giudice and A. Romanino, “Aspects of split supersymmetry,” *Nucl. Phys. B* **709** (2005) 3 [arXiv:hep-ph/0409232]. (USA, CERN) (Cited 129 times)
- [82] I. Antoniadis, K. Benakli, A. Delgado, M. Quiros and M. Tuckmantel, “Split extended supersymmetry from intersecting branes,” *Nucl. Phys. B* **744** (2006) 156 [arXiv:hep-th/0601003]. (Palaiseau, CERN, Madrid) (cited 5 times)
- [83] C. Coriano, N. Irges and E. Kiritsis, “On the effective theory of low scale orientifold string vacua,” *Nucl. Phys. B* **746** (2006) 77 [arXiv:hep-ph/0510332]. (Greece, Palaiseau, INFN) (cited 8 times)
- [84] E. Dudas, C. Papineau and V. A. Rubakov, “Flowing to four dimensions,” *JHEP* **0603** (2006) 085 [arXiv:hep-th/0512276]. (Palaiseau, CERN) (cited 3 times)
- [85] L. Baulieu, G. Bossard and S. P. Sorella, “Finiteness properties of the  $N = 4$  super-Yang-Mills theory in supersymmetric gauge,” *Nucl. Phys. B* **753** (2006) 252 [arXiv:hep-th/0605164]. (Palaiseau, CERN) (cited 1 time)
- [86] L. Baulieu, G. Bossard and S. P. Sorella, “Shadow fields and local supersymmetric gauges,” *Nucl. Phys. B* **753** (2006) 273 [arXiv:hep-th/0603248]. (Palaiseau, CERN) (cited 1 time)
- [87] Ph. Brax, C. van de Bruck, A. C. Davis and S. C. Davis, “Cosmic D-strings and vortons in supergravity,” *Phys. Lett. B* **640**, 7 (2006) [arXiv:hep-th/0606036]. (Oxford, Saclay)
- [88] Ph. Brax, C. van de Bruck, A. C. Davis and S. C. Davis, “Fermionic zero modes of supergravity cosmic strings,” *JHEP* **0606**, 030 (2006) [arXiv:hep-th/0604198]. (Oxford, Saclay) (cited 1 time)

- [89] H. K. Dreiner, C. Luhn and M. Thormeier, “What is the discrete gauge symmetry of the MSSM?,” *Phys. Rev. D* **73**, 075007 (2006) [arXiv:hep-ph/0512163]. (Bonn, Saclay) (cited 8 times)
- [90] S. Forste, H. P. Nilles and A. Wingerter, “The Higgs mechanism in heterotic orbifolds,” *Phys. Rev. D* **73** (2006) 066011 [arXiv:hep-th/0512270]. (Bonn, Oxford/Durham) (cited 4 times)
- [91] **A. Micu YR**, E. Palti and P. M. Saffin, “M-theory on seven-dimensional manifolds with SU(3) structure,” *JHEP* **0605** (2006) 048 [arXiv:hep-th/0602163]. (Bonn, Oxford) (cited 3 times) **YR**
- [92] S. Creek, O. Efthimiou, P. Kanti and K. Tamvakis, “Graviton emission in the bulk from a higher-dimensional Schwarzschild black hole,” *Phys. Lett. B* **635** (2006) 39 [arXiv:hep-th/0601126]. (Oxford, Greece) (cited 9 times)
- [93] K. Dimopoulos and G. Lazarides, “Modular inflation and the orthogonal axion as curvaton,” *Phys. Rev. D* **73** (2006) 023525 [arXiv:hep-ph/0511310]. (Oxford, Greece) (cited 8 times)
- [94] J. A. Aguilar-Saavedra et al, “Supersymmetry parameter analysis: SPA convention and project,” *Eur. Phys. J. C* **46** (2006) 43 [arXiv:hep-ph/0511344]. (Oxford, US team, Valencia, Warsaw, Bonn, Greece, CERN) (cited 32 times)
- [95] J. Foster, K. i. Okumura and L. Roszkowski, “Current and future limits on general flavour violation in b to s transitions in minimal supersymmetry,” *JHEP* **0603** (2006) 044 [arXiv:hep-ph/0510422]. (INFN, Oxford) (cited 7 times)
- [96] F. Fucito, J. F. Morales, R. Poghossian and A. Tanzini, “N = 1 superpotentials from multi-instanton calculus,” *JHEP* **0601** (2006) 031 [arXiv:hep-th/0510173]. (CERN, INFN, Trieste) (cited 1 time)
- [97] G. Altarelli and F. Feruglio, “Tri-bimaximal neutrino mixing, A(4) and the modular symmetry,” *Nucl. Phys. B* **741** (2006) 215 [arXiv:hep-ph/0512103]. (CERN, INFN) (cited 28 times)
- [98] A. Abada, S. Davidson, F. X. Josse-Michaux, M. Losada and A. Riotto, “Flavour issues in leptogenesis,” *JCAP* **0604** (2006) 004 [arXiv:hep-ph/0601083]. (CERN, INFN) (cited 19 times)
- [99] D. Francia and A. Sagnotti, “Higher-spin geometry and string theory,” *J. Phys. Conf. Ser.* **33** (2006) 57 [arXiv:hep-th/0601199]. (CERN, INFN) (cited 3 times)
- [100] R. Barbieri, L. J. Hall and **V. S. Rychkov YR**, “Improved naturalness with a heavy Higgs: An alternative road to LHC physics,” *Phys. Rev. D* **74**, 015007 (2006) [arXiv:hep-ph/0603188]. (INFN, US team) (cited 9 times) **YR**
- [101] M. Viel, J. Lesgourgues, M. G. Haehnelt, S. Matarrese and A. Riotto, “Can sterile neutrinos be ruled out as warm dark matter candidates?,” *Phys. Rev. Lett.* **97** (2006) 071301 [arXiv:astro-ph/0605706]. (CERN, INFN) (cited 9 times)

- [102] M. Hirsch, J. C. Romao, J. W. F. Valle, and A. Villanova del Moral, *Production and decays of supersymmetric higgs bosons in spontaneously broken R-parity*, *Phys. Rev. D* **73** (2006) 055007, [hep-ph/0512257]. (Lisbon, Valencia) (cited 2 times)
- [103] M. Maltoni, T. Schwetz, M. A. Tortola and J. W. F. Valle, *Status of global fits to neutrino oscillations*, June-2006 updated version of *New J. Phys.* **6** (2004) 122 [arXiv:hep-ph/0405172 v5]. (Lisbon, Valencia) (cited 317 times)
- [104] R. R. de Austri, R. Trotta and L. Roszkowski, “A Markov chain Monte Carlo analysis of the CMSSM,” *JHEP* **0605** (2006) 002, arXiv:hep-ph/0602028. (Madrid, Oxford) (cited 9 times)
- [105] A. Achucarro, B. de Carlos, J. A. Casas and L. Doplicher, “de Sitter vacua from uplifting D-terms in effective supergravities from realistic strings,” *JHEP* **0606** (2006) 014, arXiv:hep-th/0601190. (Madrid, INFN) (cited 12 times)
- [106] T. Hambye, B. Hassanain, J. March-Russell and M. Schwelling, “On the Delta(I) = 1/2 rule in holographic QCD,” *Phys. Rev. D* **74** (2006) 026003, arXiv:hep-ph/0512089. (Madrid, Oxford) (cited 7 times)
- [107] T. Hambye, M. Raidal and A. Strumia, “Efficiency and maximal CP-asymmetry of scalar triplet leptogenesis,” *Phys. Lett. B* **632** (2006) 667, arXiv:hep-ph/0510008. (Oxford, INFN) (cited 15 times)
- [108] I. Garcia-Etxebarria, F. Saad and A. M. Uranga, “Local models of gauge mediated supersymmetry breaking in string theory,” *JHEP* **0608** (2006) 069 arXiv:hep-th/0605166. (Madrid, CERN) (cited 4 times)
- [109] I. Garcia-Etxebarria, F. Saad and A. M. Uranga, “Quiver gauge theories at resolved and deformed singularities using dimers,” *JHEP* **0606** (2006) 055, arXiv:hep-th/0603108. (Madrid, CERN) (cited 4 times)
- [110] I. Garcia-Etxebarria and A. M. Uranga, “From F/M-theory to K-theory and back,” *JHEP* **0602** (2006) 008, arXiv:hep-th/0510073. (Madrid, CERN) (cited 1 time)
- [111] H. Baer, J. Ferrandis, S. Kraml and W. Porod, “On the treatment of threshold effects in SUSY spectrum computations,” *Phys. Rev. D* **73** (2006) 015010 [arXiv:hep-ph/0511123]. (Valencia, CERN, US team) (cited 4 times)
- [112] F. Deppisch, T. S. Kosmas and J. W. F. Valle, “Enhanced mu- e- conversion in nuclei in the inverse seesaw model,” *Nucl. Phys. B* **752** (2006) 80 [arXiv:hep-ph/0512360]. (Valencia, Greece) (cited 3 times)
- [113] S. F. King, I. N. R. Peddie, G. G. Ross, L. Velasco-Sevilla and O. Vives, “Kaehler corrections and softly broken family symmetries,” *JHEP* **0507** (2005) 049 [arXiv:hep-ph/0407012]. (CERN, Oxford) (cited 9 times)
- [114] J. de Blas, A. Falkowski, M. Perez-Victoria and S. Pokorski, “Tools for deconstructing gauge theories in AdS(5),” *JHEP* **0608** (2006) 061 [arXiv:hep-th/0605150]. (Warsaw, CERN) (1 citation)
- [115] A. Falkowski, S. Pokorski and M. Schmaltz, “Twin SUSY,” *Phys. Rev. D* **74** (2006) 035003 [arXiv:hep-ph/0604066]. (Warsaw, CERN) (3 citations)

- [116] S. F. King and J. P. Roberts, “Natural implementation of neutralino dark matter,” *JHEP* **0609**, 036 (2006) [arXiv:hep-ph/0603095]. (Oxford, CERN) (6 citations)
- [117] J. R. Ellis, S. Heinemeyer, K. A. Olive and G. Weiglein, “Phenomenological indications of the scale of supersymmetry,” *JHEP* **0605**, 005 (2006) [arXiv:hep-ph/0602220]. (Oxford, CERN) (8 citations)
- [118] M. Carena, S. Heinemeyer, C. E. M. Wagner and G. Weiglein, “MSSM Higgs boson searches at the Tevatron and the LHC: Impact of different benchmark scenarios,” *Eur. Phys. J. C* **45**, 797 (2006) [arXiv:hep-ph/0511023]. (Oxford, CERN) (9 citations)
- [119] G. F. Giudice and A. Romanino, “Electric dipole moments in split supersymmetry,” *Phys. Lett. B* **634**, 307 (2006) [arXiv:hep-ph/0510197]. (CERN, Trieste) (6 citations)
- [120] S. Ferrara and R. Kallosh, “On  $N = 8$  attractors,” *Phys. Rev. D* **73** (2006) 125005 [arXiv:hep-th/0603247]. (CERN, US team) (9 citations)
- [121] R. Hernandez and E. Lopez, “Quantum corrections to the string Bethe ansatz,” *JHEP* **0607**, 004 (2006) [arXiv:hep-th/0603204]. (CERN, Madrid) (15 citations)
- [122] P. Meessen and T. Ortin, “The supersymmetric configurations of  $N = 2$ ,  $d = 4$  supergravity coupled to vector supermultiplets,” *Nucl. Phys. B* **749**, 291 (2006) [arXiv:hep-th/0603099]. (CERN, Madrid) (3 citations)
- [123] F. P. Correia, M. G. Schmidt and Z. Tavartkiladze, “4D superfield reduction of 5D orbifold SUGRA and heterotic M-theory,” *Nucl. Phys. B* **751**, 222 (2006) [arXiv:hep-th/0602173]. (CERN, Bonn) (4 citations)
- [124] S. W. Hawking and T. Hertog, “Populating the landscape: A top down approach,” *Phys. Rev. D* **73**, 123527 (2006) [arXiv:hep-th/0602091]. (CERN, Oxford)
- [125] M. Bertolini, M. Billo, A. Lerda, J. F. Morales and R. Russo, “Brane world effective actions for D-branes with fluxes,” *Nucl. Phys. B* **743**, 1 (2006) [arXiv:hep-th/0512067]. (CERN, Trieste) (12 citations)
- [126] S. K. Ashok, S. Murthy and J. Troost, “Topological cigar and the  $c = 1$  string: Open and closed,” *JHEP* **0602** (2006) 013 [arXiv:hep-th/0511239]. (Trieste, Paliseau) (5 citations)
- [127] N. Bartolo, S. Matarrese and A. Riotto, “The Full Second-Order Radiation Transfer Function for Large-Scale CMB Anisotropies,” *JCAP* **0605**, 010 (2006) [arXiv:astro-ph/0512481]. (Trieste, INFN, CERN) (5 citations)
- [128] N. Bartolo, S. Matarrese and A. Riotto, “CMB Anisotropies at Second Order I,” *JCAP* **0606** (2006) 024 [arXiv:astro-ph/0604416]. (Trieste, INFN, CERN) (2 citations)
- [129] I. Dorsner, P. F. Perez and R. Gonzalez Felipe, “Phenomenological and cosmological aspects of a minimal GUT scenario,” *Nucl. Phys. B* **747**, 312 (2006) [arXiv:hep-ph/0512068]. (Trieste, Lisbon) (8 citations)

## 2 Papers not published yet

- [1] I. Antoniadis, A. Kumar and T. Maillard, “Moduli stabilization with open and closed string fluxes,” arXiv:hep-th/0505260. (Palaiseau, CERN) (cited 23 times)
- [2] M. G. Albrow *et al.*, “Physics at a Fermilab proton driver,” arXiv:hep-ex/0509019. (Bonn, CERN, INFN, Trieste, Madrid) (Citations: 12)
- [3] Y. Giomataris and J. D. Vergados, “Exploring new features of neutrino oscillations with a triton source and a large spherical TPC,” arXiv:hep-ph/0504149 (Saclay, Greece).
- [4] R. N. Mohapatra *et al.*, “Theory of neutrinos,” arXiv:hep-ph/0412099. (Bonn, Oxford, INFN, Trieste) (Citations: 47)
- [5] R. Barbieri, T. Gregoire and L. J. Hall, “Mirror World at the Large Hadron Collider,” arXiv:hep-ph/0509242. (INFN, USA, CERN) (cited 12 times)
- [6] . Moortgat-Pick *et al.*, “The role of polarized positrons and electrons in revealing fundamental interactions at the linear collider,” arXiv:hep-ph/0507011, submitted to Physics Reports. (Valencia, Bonn, CERN, Oxford, INFN) (Cited 31 times)
- [7] Z. Lalak, G. G. Ross and S. Sarkar, “Racetrack inflation and assisted moduli stabilisation,” arXiv:hep-th/0503178. (Oxford, Warsaw) (12 citations)
- [8] I. Antoniadis, E. Dudas and D. M. Ghilencea, “Living with ghosts and their radiative corrections,” arXiv:hep-th/0608094. (Palaiseau, CERN, Oxford)
- [9] I. Antoniadis, A. Boyarsky and O. Ruchayskiy, “Axion alternatives,” arXiv:hep-ph/0606306. (Palaiseau, CERN). (cited 4 times)
- [10] P. Anastasopoulos, T. P. T. Dijkstra, E. Kiritsis and A. N. Schellekens, “Orientifolds, hypercharge embeddings and the standard model,” arXiv:hep-th/0605226. (Greece, Palaiseau) (cited 11 times)
- [11] P. Anastasopoulos, M. Bianchi, E. Dudas and E. Kiritsis, “Anomalies, anomalous U(1)’s and generalized Chern-Simons terms,” arXiv:hep-th/0605225. (Palaiseau, Greece, INFN) (cited 5 times)
- [12] E. Dudas and C. Papineau, “Dual realizations of dynamical symmetry breaking,” arXiv:hep-th/0608054. (Palaiseau, CERN)
- [13] E. Dudas, C. Grojean and S. K. Vempati, “Classical running of neutrino masses from six dimensions,” arXiv:hep-ph/0511001. (Palaiseau, Saclay) (cited 7 times)
- [14] L. Calibbi, A. Faccia, A. Masiero and S. K. Vempati, “Lepton flavour violation from SUSY-GUTs: Where do we stand for MEG, PRISM / PRIME and a super flavour factory,” arXiv:hep-ph/0605139. (Palaiseau, INFN) (cited 5 times)
- [15] M. Grana, R. Minasian, M. Petrini and A. Tomasiello, “A scan for new  $N = 1$  vacua on twisted tori,” arXiv:hep-th/0609124. (Palaiseau, Saclay, US team)

- [16] R. Minasian, M. Petrini and A. Zaffaroni, “Gravity duals to deformed SYM theories and generalized complex geometry,” arXiv:hep-th/0606257. (Palaiseau, Saclay) (cited 3 times)
- [17] P. Brax, C. van de Bruck, A. C. Davis and S. C. Davis, “Coupling hybrid inflation to moduli,” arXiv:hep-th/0606140. (Oxford, Saclay)
- [18] I. Masina and C. A. Savoy, “Real and imaginary elements of fermion mass matrices,” arXiv:hep-ph/0603101. (INFN, Saclay) (cited 1 time)
- [19] I. Masina and C. A. Savoy, “Up quark masses from down quark masses,” arXiv:hep-ph/0606097. (INFN, Saclay)
- [20] M. Frigerio, T. Hambye and E. Ma, “Right-handed sector leptogenesis,” arXiv:hep-ph/0603123. (Madrid, Saclay) (cited 5 times).
- [21] **S. Antusch YR**, R. N. Mohapatra *et al.*, “Theory of neutrinos: A white paper,” arXiv:hep-ph/0510213. (Bonn, Madrid, Oxford, Trieste, CERN, INFN, US team) (cited 55 times) (**YR**)
- [22] J. F. Morales and H. Samtleben, “Entropy function and attractors for AdS black holes,” arXiv:hep-th/0608044. (Bonn/Hamburg, CERN) (cited 3 times)
- [23] A. E. Faraggi, C. Kounnas and J. Rizos, “Chiral family classification of fermionic  $Z_2 \times Z_2$  heterotic orbifold models,” arXiv:hep-th/0606144. (Palaiseau, Greece)
- [24] R. Barbieri and L. J. Hall, “Improved naturalness and the two Higgs doublet model,” arXiv:hep-ph/0510243. (INFN, US team) (cited 8 times)
- [25] M. Bona *et al.* [UTfit Collaboration], “The UTfit collaboration report on the unitarity triangle beyond the standard model: Spring 2006,” arXiv:hep-ph/0605213. (Palaiseau, INFN) (cited 15 times)
- [26] A. Abada, S. Davidson, A. Ibarra, F. X. Josse-Michaux, M. Losada and A. Riotto, “Flavour matters in leptogenesis,” arXiv:hep-ph/0605281. (CERN, Madrid, INFN, Palaiseau) (cited 14 times)
- [27] M. Schelke, R. Catena, N. Fornengo, A. Masiero and M. Pietroni, “Constraining pre big-bang nucleosynthesis expansion using cosmic antiprotons,” arXiv:hep-ph/0605287. (Bonn, INFN)
- [28] M. Bona *et al.* [UTfit Collaboration], “The unitarity triangle fit in the standard model and hadronic parameters from lattice QCD: A reappraisal after the measurements of  $\Delta(m(s))$  and  $BR(B \text{ to } \tau \nu/\tau)$ ,” arXiv:hep-ph/0606167. (Palaiseau, INFN) (cited 11 times)
- [29] L. Cornalba, M. S. Costa, J. Penedones and P. Vieira, “From fundamental strings to small black holes,” arXiv:hep-th/0607083. (INFN, Palaiseau) (cited 1 time)
- [30] D. H. Lyth and A. Riotto, “Generating the curvature perturbation at the end of inflation in string theory,” arXiv:astro-ph/0607326. (INFN, CERN, Oxford)

- [31] R. Barbieri, L. J. Hall, Y. Nomura and **V. S. Rychkov YR**, “Supersymmetry without a light Higgs boson,” arXiv:hep-ph/0607332. (INFN, US team) (cited 1 time) **YR**
- [32] **S. Antusch YR**, S. F. King and A. Riotto, “Flavour-dependent leptogenesis with sequential dominance,” arXiv:hep-ph/0609038. (CERN, INFN, Madrid) (cited 2 times) (**YR**)
- [33] S. Pascoli, S. T. Petcov and A. Riotto, “Connecting low energy leptonic CP-violation to leptogenesis,” arXiv:hep-ph/0609125. (CERN, INFN, Trieste) (cited 2 times)
- [34] G. C. Branco, R. G. Felipe and F. R. Joaquim, “A new bridge between leptonic CP violation and leptogenesis,” arXiv:hep-ph/0609297. (Lisbon, INFN)
- [35] F. J. Botella, G. C. Branco, and M. Nebot, *CP violation and limits on new physics including recent b/s measurements*, hep-ph/0608100. (Lisbon, Valencia) (cited 2 times)
- [36] M. Hirsch, J. W. F. Valle, M. Malinsky, J. C. Romao, and U. Sarkar, *Thermal leptogenesis in extended supersymmetric seesaw*, hep-ph/0608006. (Lisbon, Valencia) (cited 3 times)
- [37] M. Hirsch, E. Ma, J. C. Romao, J. W. F. Valle, and A. Villanova del Moral, *Minimal supergravity threshold effects on the tri-bimaximal neutrino mixing pattern*, hep-ph/0606082. (Lisbon, Valencia) (cited 4 times)
- [38] O. G. Miranda, M. A. Tortola and J. W. F. Valle, *Are solar neutrino oscillations robust?*, JHEP 2006, in press [updated version of arXiv:hep-ph/0406280]. (Lisbon, Valencia) (cited 25 times)
- [39] G. C. Branco, R. G. Felipe, and F. R. Joaquim, *A new bridge between leptonic CP violation and leptogenesis*, hep-ph/0609297. (Lisbon, INFN)
- [40] Y. Mambrini, C. Munoz and E. Nezri, “GLAST versus PAMELA: A comparison between the detection of gamma rays and positrons from neutralino annihilation,” arXiv:hep-ph/0607266. (Madrid, Palaiseau)
- [41] A. Blondel, A. Cervera-Villanueva, A. Donini, P. Huber, M. Mezzetto and P. Strolin, “Future neutrino oscillation facilities,” arXiv:hep-ph/0606111. (Madrid, INFN) (cited 6 times)
- [42] S. Franco, I. Garcia-Etxebarria and A. M. Uranga, “Non-supersymmetric meta-stable vacua from brane configurations,” arXiv:hep-th/0607218. (Madrid, CERN) (cited 6 times)
- [43] A. Provenza, M. Quiros and P. Ullio, “Dark matter in split extended supersymmetry,” arXiv:hep-ph/0609059. (Madrid, Trieste)
- [44] J. Foster, K. i. Okumura and L. Roszkowski, “New constraints on SUSY flavour mixing in light of recent measurements at the Tevatron,” arXiv:hep-ph/0604121. (Oxford, Padua) (cited 17 times)
- [45] J. J. Blanco-Pillado *et al.*, “Inflating in a better racetrack,” arXiv:hep-th/0603129. (Oxford, US team) (cited 14 times)

- [46] J. Ellis, Z. Lalak, S. Pokorski and K. Turzynski, “The price of WMAP inflation in supergravity,” [arXiv:hep-th/0606133]. (Warsaw, CERN) (1 citation)
- [47] S. J. Huber, T. Konstandin, T. Prokopec and M. G. Schmidt, “Electroweak phase transition and baryogenesis in the nMSSM,” arXiv:hep-ph/0606298. (CERN, Bonn) (3 citations)
- [48] A. Dobado, L. Tabares and S. Penaranda, “On the electroweak symmetry breaking in the littlest Higgs model,” arXiv:hep-ph/0606031. (Madrid, CERN)
- [49] P. Ball and R. Fleischer, “Probing new physics through B mixing: Status, benchmarks and prospects,” arXiv:hep-ph/0604249. (Oxford, CERN) (30 citations)
- [50] O. Lalakulich, W. Melnitchouk and E. A. Paschos, “Quark-hadron duality in neutrino scattering,” arXiv:hep-ph/0608058. (CERN, Bonn) (1 citation)
- [51] S. Ferrara, E. G. Gimon and R. Kallosh, “Magic supergravities,  $N = 8$  and black hole composites,” arXiv:hep-th/0606211. (CERN, US team) (3 citations)
- [52] A. Ceresole, G. Dall’Agata, A. Giryavets, R. Kallosh and A. Linde, “Domain walls, near-BPS bubbles, and probabilities in the landscape,” arXiv:hep-th/0605266. (CERN, US team) (2 citations)
- [53] F. Moura and R. Schiappa, “Higher-derivative corrected black holes: Perturbative stability and absorption cross-section in heterotic string theory,” arXiv:hep-th/0605001. (CERN, Palaiseau) (2 citations)
- [54] S. Murthy and J. Troost, “D-branes in non-critical superstrings and duality in  $N = 1$  gauge theories with flavor,” arXiv:hep-th/0606203. (Trieste, Paliseau)
- [55] I. Dorsner and P. F. Perez, “Unification versus proton decay in  $SU(5)$ ,” arXiv:hep-ph/0606062. (Trieste, Lisbon) (2 citations)
- [56] I. Dorsner, P. F. Perez and G. Rodrigo, “Fermion masses and the UV cutoff of the minimal realistic  $SU(5)$ ,” arXiv:hep-ph/0607208. (Trieste, Lisbon, Valencia) (1 citation)
- [57] I. Dorsner, P. F. Perez and G. Rodrigo, “On unification and nucleon decay in supersymmetric grand unified theories based on  $SU(5)$ ,” arXiv:hep-ph/0610034. (Trieste, Lisbon, Valencia)
- [58] J. E. Campagne, M. Maltoni, M. Mezzetto and T. Schwetz, “Physics potential of the CERN-MEMPHYS neutrino oscillation project,” arXiv:hep-ph/0603172. (Trieste, INFN) (17 citations)
- [59] M. C. Gonzalez-Garcia, M. Maltoni and J. Rojo, “Determination of the atmospheric neutrino fluxes from atmospheric neutrino data,” arXiv:hep-ph/0607324. (Trieste, Valencia) (2 citations)

### 3 Conference proceedings

- [1] J. P. Derendinger, C. Kounnas, P. M. Petropoulos and F. Zwirner, “Fluxes and gaugings:  $N = 1$  effective superpotentials,” *Fortsch. Phys.* **53** (2005) 926 [arXiv:hep-th/0503229]. (Palaiseau, INFN) (cited 23 times)
- [2] A. Masiero, S. K. Vempati and O. Vives, “Seesaw mechanism and supersymmetry,” *Prepared for SEESAW25: International Conference on the Seesaw Mechanism and the Neutrino Mass, Paris, France, 10-11 Jun 2004*, Published in \*Paris 2004, Seesaw 25\* 111-126. (Palaiseau, INFN, CERN)
- [3] P. Binetruy and S. Lavignac, “25 years of seesaw (summary of SEESAW’25),” *Nucl. Phys. Proc. Suppl.* **143** (2005) 175. (Palaiseau, Saclay)
- [4] A. C. Davis, P. Brax and C. van de Bruck, “Brane world cosmology, the CMB and the radion,” *Nucl. Phys. Proc. Suppl.* **148**, 64 (2005) [arXiv:astro-ph/0503467]. (Saclay, Oxford) (cited 3 times)
- [5] I. Masina and C. A. Savoy, “Charged lepton flavour and CP violations: Theoretical impact of present and future experiments,” *Nucl. Phys. Proc. Suppl.* **143**, 70 (2005) [arXiv:hep-ph/0410382]. (Saclay, INFN) (cited 2 times)
- [6] J. F. Morales and H. Samtleben, “Higher spin holography and string states on  $AdS(5) \times S^5$ ,” *Fortsch. Phys.* **53** (2005) 586. (Bonn, CERN)
- [7] I. Giomataris *et al.*, “NOSTOS experiment and new trends in rare event detection,” *Nucl. Phys. Proc. Suppl.* **150** (2006) 208 [arXiv:hep-ex/0502033]. (Saclay, Greece) (5 citations)
- [8] S. Aune *et al.*, “NOSTOS: A spherical TPC to detect low energy neutrinos,” *AIP Conf. Proc.* **785** (2005) 110 [arXiv:hep-ex/0503031]. (Saclay, Greece) (cited 4 times)
- [9] N. Bartolo, S. Matarrese and A. Riotto, “Primordial non-Gaussianity from different cosmological scenarios,” *Nucl. Phys. Proc. Suppl.* **148** (2005) 56. (Trieste, INFN)
- [10] F. Bigazzi, R. Casero, A. Paredes and A. L. Cotrone, “Non-critical string duals of four-dimensional CFTs with fundamental matter,” *Fortsch. Phys.* **54** (2006) 300. (Palaiseau, INFN)
- [11] A. Masiero, S. K. Vempati and O. Vives, “Flavour And Cpv In Susyguts: Prospects Of Observability,” *AIP Conf. Proc.* **805** (2006) 99. (Palaiseau, CERN, INFN)
- [12] B. C. Allanach *et al.*, “Les Houches ’Physics at TeV colliders 2005’ Beyond the standard model working group: Summary report,” arXiv:hep-ph/0602198. (Palaiseau, CERN, Saclay, INFN, Valencia, Oxford) (cited 14 times)
- [13] J. D. Vergados and Y. Giomataris, “Supernova detection via a network of neutral current spherical TPC’s,” *AIP Conf. Proc.* **847** (2006) 140 [arXiv:hep-ph/0601093]. (Saclay, Greece)

- [14] S. Aune, P. Colas, H. Deschamps, J. Dolbeau, G. Fanourakis, E. Ferrer Ribas, T. Enqvist, T. Geralis, Y. Giomataris, P. Gorodetzky, G. J. Gounaris, M. Gros, I. G. Irastorza, K. Koursouris, V. Lepeltier, J. Morales, T. Patzak, E. A. Paschos, P. Salin, I. Savvidis and J. D. Vergados, “Progress on a spherical TPC for low energy neutrino detection,” *J. Phys. Conf. Ser.* **39** (2006) 281 [arXiv:physics/0511221]. (Saclay, Greece) (cited 1 time)
- [15] D. Francia and A. Sagnotti, “Higher-spin geometry and string theory,” *J. Phys. Conf. Ser.* **33** (2006) 57 [arXiv:hep-th/0601199]. (CERN, INFN) (cited 3 times)
- [16] L. Silvestrini [UTfit Collaboration], “CKM overview,” *Nucl. Phys. Proc. Suppl.* **156** (2006) 3. (Palaiseau, INFN)
- [17] A. Provenza, P. Ullio and M. Quiros, “Dark matter candidates in a baryogenesis inspired scenario,” *J. Phys. Conf. Ser.* **39** (2006) 173. (Madrid, Trieste)
- [18] J. Papavassiliou, J. Bernabeu and M. Passera, “Neutrino nuclear coherent scattering and the effective neutrino charge radius,” *PoS HEP2005* (2006) 192 [arXiv:hep-ph/0512029]. (INFN, Valencia) (cited 2 times)
- [19] P. H. Chankowski, K. Kowalska, S. Lavignac and S. Pokorski, “Flavour changing neutral currents and inverted sfermion mass hierarchy,” arXiv:hep-ph/0507133. (Saclay, Warsaw) (cited 1 time)
- [20] E. Kohlprath and P. Vanhove, “Localized gravity in non-compact superstring models,” arXiv:hep-th/0409197. (Palaiseau, Saclay) (cited 3 times)
- [21] J. D. Vergados and Y. Giomataris, “Dedicated supernova detection by a network of neutral current spherical TPC’s,” arXiv:astro-ph/0511470. (Saclay, Greece)
- [22] G. Cavoto *et al.*, “Angles from B decays with charm,” arXiv:hep-ph/0603019. (CERN, Palaiseau, INFN, Oxford) (cited 4 times)
- [23] R. Trotta, R. R. de Austri and L. Roszkowski, “Prospects for direct dark matter detection in the constrained MSSM,” arXiv:astro-ph/0609126. (Madrid, Oxford)
- [24] S. J. Huber, T. Konstandin, T. Prokopec and M. G. Schmidt, “Baryogenesis in the MSSM, nMSSM and NMSSM,” arXiv:hep-ph/0608017. (CERN, Bonn)
- [25] A. Vuorinen, “Z(3)-symmetric effective theory for pure gauge QCD at high temperature,” arXiv:hep-ph/0608162. (Madrid, CERN) (2 citations)
- [26] D. Forde, “On-shell recursion relations for n-point QCD,” arXiv:hep-ph/0608029. (Madrid, CERN) (3 citations)
- [27] M. C. Gonzalez-Garcia, M. Maltoni and J. Rojo, “Extraction of the atmospheric neutrino fluxes from experimental event rate data,” arXiv:hep-ph/0608319. (Trieste, Valencia)