

Publicaciones

Artículos publicados

1. "Contribution of a Neutrino Magnetic Coupling to the Muon Magnetic Moment",
A. Rosado & A. Zepeda,
Phys. Rev. D26, 2517 (1982).
2. "Neutrino Charge in the Linear R_ξ Gauge", R_ξ
J.L. Lucio, A. Rosado & A. Zepeda,
Phys. Rev. D29, 1539 (1984).
3. "Charged Higgs Bosons, Charged Hyperpions and the Non-leptonic Decays of
Heavy Flavored Mesons",
M.A. Pérez & A. Rosado,
Phys. Rev. D30, 228 (1984).
4. "Characteristic Size for the Neutrino",
J.L. Lucio, A. Rosado & A. Zepeda,
Phys. Rev. D31, 1091 (1985).
5. "Phenomenology of a Second Neutral Gauge Bosons in the Drell-Yan Process",
A. Rosado, J.L. Lucio & A. Zepeda,
Z. Phys. C29, 197 (1985).
6. " Z^0 -Production in Deep Inelastic ep -Scattering",
M. Böhm & A. Rosado,
Z. Phys. C34, 117 (1987).
7. "Deep Inelastic Production of Charged Vector Bosons at HERA Energies",
M. Böhm & A. Rosado,
Z. Phys. C39, 275 (1988).
8. "Effects of a Non-Standard W^\pm Magnetic Moment in W^\pm Production via Deep
Inelastic eP Scattering",
M. Böhm & A. Rosado,
Z. Phys. C42, 479 (1989).
9. "Flavor-Changing Radiative Decay of the t -quark",
J.L. Díaz-Cruz, R. Martínez, M.A. Pérez & A. Rosado,
Phys. Rev. D41, 891 (1990).

10. "Neutral Vector Boson Production in High Energy ep Collision for Minimal Extensions of the Standard Model",
M. Böhm, A. Fernández, M.A. Pérez & A. Rosado,
Z. Phys. C53, 135 (1992).
11. "Three-body decays of Higgs bosons in the MSSM",
E. Barradas, J.L. Díaz-Cruz, A. Gutiérrez & A. Rosado,
Phys. Rev. D53, 1678 (1996).
12. "Energy and angular distributions of Z^0 -production at LEP/LHC energies",
A.Gutiérrez & A. Rosado,
Rev. Mex. Fís. 44, 133 (1998).
13. "Heavy boson production *via* ep -collisions at CERN LEP and LHC energies",
A.Gutiérrez & A. Rosado,
Phys. Rev. D57, 4318 (1998).
14. "Bounding the tau neutrino magnetic moment at CERN LEP in a left-right symmetric model",
A.Gutiérrez, M.A. Hernández, M. Maya & A. Rosado,
Phys. Rev. D58, 117302 (1998).
15. "Detection of neutral MSSM Higgs bosons at LEP-II and NLC",
U. Cotti, A. Gutiérrez-Rodríguez, A. Rosado & O. A. Sampayo,
Phys. Rev. D59, 095011 (1999).
16. "Measurement of the ν_τ magnetic moment at CERN LEP in a left-right symmetric model",
A.Gutiérrez, M.A. Hernández, M. Maya & A. Rosado,
Rev. Mex. Fís. 45, 249 (1999).
17. "Contribution of a neutrino anapole moment to the muon anomalous magnetic moment",
A.Rosado,
Mod. Phys. Lett. A14, 929 (1999).
18. "Physical electroweak anapole moment for the neutrino",
A.Rosado,
Phys. Rev. D61, 013001 (2000).
19. " W^\pm -production in e^-p -collisions at CERN LEP/LHC energies with a non-standard W^\pm anomalous magnetic moment",
A.Gutiérrez-Rodríguez & A. Rosado,
Rev. Mex. Fís. 46, 440 (2000).

20. "A simple connection of the (electroweak) anapole moment with the (electroweak) charge radius of a massless left-handed Dirac neutrino",
A. Rosado,
Rev. Mex. Fís. 47, 132 (2001).
21. "A non-SM charge radius and non-SM anapole moment of a Dirac neutrino and the high precision measurement of the muon ($g-2$)",
R.M. García-Hidalgo & A. Rosado,
Int. Jour. Mod. Phys. A18, 1587 (2003).
22. "Mass matrix ansatz and lepton flavorviolation in the two-Higgs doublet model-III",
J.L. Díaz-Cruz, R. Noriega-Papaqui & A. Rosado,
Phys. Rev. D69, 095002 (2004).
23. "Measuring the fermionic couplings of the Higgs boson at future colliders as a probe of non-minimal flavor structure",
J.L. Díaz-Cruz, R. Noriega-Papaqui & A. Rosado,
Phys. Rev. D71, 015014 (2005).
24. "Heavy boson production through the collision of an ultrahigh-energy neutrino on a target nucleon",
R.M. García-Hidalgo & A. Rosado,
Mod. Phys. Lett. A20, 1465 (2005).
25. "The decays $h^\pm \rightarrow W^\pm h^0(\alpha^0)$ within an extension of the MSSM with one complex Higgs triplet",
E. Barradas-Guevara, O. Félix-Beltrán, J. Hernández-Sánchez & A. Rosado,
Phys. Rev. D71, 073004 (2005).
26. "Production of W^\pm with an anomalous magnetic moment via the collision of an ultrahigh-energy neutrino on a target nucleon",
R.M. García-Hidalgo & A. Rosado,
Rev. Mex. Fís. 51, 203-208 (2005).
27. "Charged Higgs boson contribution to $\nu_\tau N \rightarrow \tau^- X$ for very large $\tan \beta$ in the two Higgs doublet model with ultrahigh energy neutrinos",
A. Rosado,
Phys. Rev. D74, 057301 (2006).
28. "Electroweak-Higgs Unification and the Higgs Boson Mass",
B. Aranda, J.L. Díaz-Cruz & A. Rosado,
Int. Jour. Mod. Phys. A22, 1417-1440 (2007).

29. "Electroweak-Higgs Unification in the Two Higgs Doublet Model: Masses and Couplings of the Neutral and Charged Higgs Bosons",
J.L. Díaz-Cruz & A. Rosado,
Rev. Mex. Fís. **53**, 396-406 (2007).
30. "Charged Higgs boson phenomenology in supersymmetric models with Higgs triplets",
J.L. Díaz-Cruz, J. Hernández-Sánchez, S. Moretti & A. Rosado,
Phys. Rev. **D77**, 035007 (2008).
31. "Effects of charged Higgs bosons in the deep inelastic process $\nu_\tau N \rightarrow \tau^- X$ and the possibility of detecting tau-neutrinos at cosmic neutrino detectors",
M. I. Pedraza-Morales, A. Rosado & H. Salazar,
Pramana - J. Phys. **70**, 603-615 (2008).
32. "Updated TUS space fluorescence detector for study of UHECR",
V. Abrashkin *et al.*,
Advances in Space Research **41**, 2079-2088 (2008).
33. "Effects of physics beyond the standard model on the neutrino charge radius: An effective Lagrangian approach",
H. Novales-Sánchez, A. Rosado, V. Santiago-Olán & J. J. Toscano,
Phys. Rev. **D78**, 073014 (2008).
34. "Yukawa textures and charged Higgs boson phenomenology in the type-III two-Higgs-doublet model",
J.L. Díaz-Cruz, J. Hernández-Sánchez, S. Moretti, R. Noriega-Papaqui & A. Rosado,
Phys. Rev. **D79**, 095025 (2009).
35. "A numerical analysis of the supersymmetric flavorproblem and radiative fermion masses",
J. L. Díaz-Cruz, O. Félix-Beltrán, M. Gómez-Bock, R. Noriega-Papaqui & A. Rosado,
Rev. Mex. Fís. **55**, 270-281 (2009).
36. "Flavor-changing neutral current in production and decay of pseudoscalar mesons in a type III two-Higgs-doublet-model with four-texture Yukawa couplings",
M. Gómez-Bock, G. López-Castro, L. López-Lozano & A. Rosado,
Phys. Rev. **D80**, 055017 (2009).
37. "Violation of CP and T in semileptonic decays due to scalar interactions",
G. López-Castro, L. López-Lozano & A. Rosado,
Phys. Rev. **D80**, 096004 (2009).

38. "Wavefronts, light rays and caustic of a circular wave reflected by an arbitrary smooth curve",
M. Marciano-Melchor, E. Montiel-Piña, E. Román-Hernández, A. Rosado, J. G. Santiago-Santiago, G. Silva-Ortigoza, R. Silva-Ortigoza & R. Suárez-Xique,
Journal of Optics **13**, (2011) 055705.
39. "Electroweak right-handed neutrinos and new Higgs signals at the LHC",
J.L. Díaz-Cruz, O. Félix-Beltrán, A. Rosado & S. Rosado-Navarro,
Int. Jour. Mod. Phys. **A26**, 2865-2880 (2011).
40. "Lepton electric and magnetic dipole moments via lepton flavor violating spin-1 unparticle interactions",
A. Moyotl, A. Rosado & G. Tavares-Velasco,
Phys. Rev. **D84**, 073010 (2011).
arXiv:1109.4890 [hep-ph].
DOI: 10.1103/PhysRevD.84.073010
41. "Couplings of quarks in the Partially Aligned 2HDM with a four-zero texture Yukawa matrix",
J. Hernández-Sánchez, L. López-Lozano, R. Noriega-Papaqui & A. Rosado,
arXiv:1106.5035 [hep-ph].
Phys. Rev. **D85**, 071301(R) (2012).
DOI: 10.1103/PhysRevD.85.071301
42. "On the sensitivity of the HAWC observatory to gamma-ray bursts",
A. U. Abeysekara et al. [HAWC collaboration],
arXiv:1108.6034 [astro-ph.HE].
Astroparticle Physics **35**, 641-650 (2012).
DOI: 10.1016/j.astropartphys.2012.02.001
43. "Off-diagonal terms in Yukawa textures of the Type-III 2-Higgs doublet model and light charged Higgs boson phenomenology,"
J. Hernández-Sánchez, S. Moretti, R. Noriega-Papaqui & A. Rosado,
arXiv:1212.6818 [hep-ph].
JHEP **07**, 044 (2013).
DOI: 10.1007/JHEP07(2013)044
44. "Discrete symmetry in graphene: the Dirac equation and beyond,"
E. Sadurní, E. Rivera-Mociños & A. Rosado,
arXiv:1411.6319 [cond-mat.other].
Rev. Mex. Fis. **61**, no. 3, 170 (2015).
DOI: 10.1007/JHEP07(2013)044

45. "Impact of a four-zero Yukawa texture on $h \rightarrow \gamma\gamma$ and γZ in the framework of the Two Higgs Doublet Model Type III,"
A. Cordero-Cid, J. Hernández-Sánchez, C. G. Honorato, S. Moretti, M. A. Pérez & Rosado,
arXiv:1312.5614 [hep-ph]. JHEP 1407, 057 (2014).
46. "Analysis of the quark sector in the 2HDM with a four-zero Yukawa texture using the most recent data on the CKM matrix,"
O. Félix-Beltrán, F. González-Canales, J. Hernández-Sánchez, S. Moretti, R. Noriega-Papaqui and A. Rosado, Phys. Lett. B 742, 347 (2015) [arXiv:1311.5210 [hep-ph]].
HEP :: Buscar :: Ayuda :: Terms of use :: Privacy policy Powered by
Invenio v1.1.2+ Problems/Questions to feedback@inspirehep.net

Artículos in extenso en memorias de congresos internacionales

1. "The reaction $e^- + p \rightarrow e + Z_i + X : a$ Test of Minimal Extensions of the Standard Model",
M. Böhm, A. Fernández, M.A. Pérez & A. Rosado,
Rev. Mex. Fís. **36**, S150 (1990).
2. "The Decay $t \rightarrow bW\phi$ as a Source of Neutral Higgs Bosons",
J.L. Díaz-Cruz, M. A. Pérez, R. Mertig & A. Rosado,
Proc. of the IV Mexican School of Particles and Fields, J. L. Lucio & A. Zepeda,
eds. (World Scientific, Singapore 1992) p. 415.
3. "Searching signals of charged supersymmetric Higgs bosons in p^1p collisions at SSC energies",
A.Fernández, M.A. Pérez & A. Rosado,
Rev. Mex. Fís. **39**, S23 (1993).
4. "Production of Neutral Higgs Bosons in High Energy ep Collisions",
A.Fernández, A. Rosado & Sully Sánchez,
Rev. Mex. Fís. **39**, S31 (1993).
5. "Detection of Charged Higgs Bosons at Hadron Colliders",
J.L. Díaz-Cruz, A. Gutiérrez, A. Rosado & O. A. Sampayo,
Proc. of the 1993 Workshop on Particles and Fields, R. Huerta, M. A. Pérez & L. F. Urrutia, eds. (World Scientific, Singapore, 1994) p. 272.
6. " W^\pm and Z^0 Production at LEP/LHC Energies",
A.Gutiérrez & A. Rosado,
AIP Conf. Proc. Vol. **445**, 336 (1998),
Proc. of the 1997 Workshop on Particles and Fields, J. C. D'Olivo, M. Ruiz-Altaba & L. Villaseñor-Cendejas, eds. (AIP, Woodbury, New York, 1998).

7. "Dirac neutrino anapole moment",
L.G. Cabral-Rosetti, M. Moreno & A. Rosado,
AIP Conf. Proc. Vol. **623**, 347 (2002),
Proc. of the 2001 Workshop on Particles and Fields, J. L. Díaz-Cruz *et al.*, eds.
(AIP, Melville, New York, 2002).
8. "Probing New Physics With Neutrino Interactions At The Pierre Auger Observatory",
L. Díaz-Cruz, M. I. Pedraza-Morales, A. Rosado & H. Salazar,
AIP Conf. Proc. Vol. **857** Part A, 326-329 (2006),
Proc. of the 2005 X Mexican Workshop on Particles and Fields, A. Bashir, V.
Villanueva, and L. Villaseñor, eds. (AIP, Melville, New York, 2006).
9. "Deep Inelastic Scattering and Collider Physics",
A. Rosado,
AIP Conf. Proc. Vol. **857** Part B, 90-102 (2006),
Commemorative Volume of the Division of Particles and Fields of the Mexican Physical
Society, M.A. Pérez, L.F. Urrutia, and L. Villaseñor, eds. (AIP,
Melville, New York, 2006).
10. "Effects of charged Higgs bosons in the ν_τ deep inelastic scattering within the
2HDM(II) and the UHE ν_τ detection",
M. I. Pedraza-Morales, A. Rosado & H. Salazar,
AIP Conf. Proc. Vol. **917**, 408-411 (2007),
Proceedings of the VI Latin American Symposium on High Energy Physics and
the XII Mexican School of Particles and Fields, edited by H. Castilla-Valdez,
J.C. Dólivo, and M.A. Perez (AIP, Melville, New York, 2007).
11. "Supersymmetric model with Higgs triplet",
J.L. Díaz-Cruz, J. Hernández-Sánchez, S. Moretti & A. Rosado,
AIP Conf. Proc. Vol. **1026**, 138-145 (2008),
Proceedings of the 11th Mexican Workshop On Particles And Fields, , edited
by H. Castilla-Valdez, O. Miranda, and E. Santos (AIP, Melville, New York,
2008).
12. "Lepton electric and magnetic dipole moments induced by a vector unparticle",
A. Moyotl, A. Rosado and G. Tavares-Velasco,
J. Phys. Conf. Ser. **378**, 012013 (2012).
13. "Update of the 2HDM-III with a four-zero texture in the Yukawa matrices and
phenomenology of the charged Higgs Boson",
J. Hernández-Sánchez, S. Moretti, R. Noriega-Papaqui and A. Rosado,
PoS CHARGED 2012, **029** (2012) [arXiv:1302.0083 [hep-ph]].

14. "The neutrino charge radius as a probe of physics beyond the standard model,"
H. Novales-Sánchez, A. Rosado, V. Santiago-Olán, and J. J. Toscano,
AIP Conf. Proc. **1540**, 21 (2013);
doi: 10.1063/1.4810770
View online: <http://dx.doi.org/10.1063/1.4810770>

Artículos in extenso en memorias de congresos nacionales

1. "Detección subterránea de rayos cósmicos de alta energía en el CERN".
S. Román *et al.*
Memorias del V Taller Nacional de Física y Ciencia de Materiales para Estudiantes de Posgrado, Eds. F. Pérez Rodríguez *et al.*, Textos Científicos, BUAP (2003), pág. 71.
2. "Probando la estructura de leptones y quarks en el modelo THDM-III vía decaimientos de los bosones de Higgs".
J.L. Díaz-Cruz, M. Gómez-Bock & A. Rosado
Memorias del VI Taller Nacional de Física y Ciencia de Materiales para Estudiantes de Posgrado, Eds. F. Pérez Rodríguez *et al.*, Textos Científicos, BUAP (2006), pág. 77.
3. "ACORDE, a cosmic ray detector for ALICE".
A. Fernández *et al.*
Memorias del VI Taller Nacional de Física y Ciencia de Materiales para Estudiantes de Posgrado, Eds. F. Pérez Rodríguez *et al.*, Textos Científicos, BUAP (2006), pág. 246.
4. "Producción de bosones de norma vía colisiones neutrino- nucleón con neutrinos cósmicos ultra-energéticos".
R.M. García-Hidalgo & A. Rosado.
Memorias del IX Encuentro Regional de Investigación y Enseñanza de la Física, Eds. L. Meza-Montes *et al.*, BUAP (2005).

Varios

1. "Proceedings of the II Mexican School of Particles and Fields, J.L. Lucio & A. Zepeda, eds., World Scientific, Singapur, Nueva Jersey, Hong Kong, 1988), 503 págs."
A. Rosado
Avance y Perspectiva Vol. 7, 27 (1988).
2. "¿Es el protón una partícula elemental?"
A. Rosado
Avance y Perspectiva Vol. 9, 261 (1990).

3. "Principios de simetría y leyes de conservación"
A. Rosado
Spinor, Año 2 Num. 17, 16 (2011).

Preprints

1. "Dynamical Compactification, an Alternative to Inflation?",
M. Böhm, J.L. Lucio & A. Rosado,
Print-83-1039-CINVESTAV-México, 1983.
2. "Energy and Angular Distribution of Z^0 -Production at HERA Energies",
M. Böhm & A. Rosado,
Print-87-0122-Würzburg, 1986.
3. "Couplings of quarks in the Partially Aligned 2HDM with a four-zero texture Yukawa matrix",
J. Hernández-Sánchez, L. López-Lozano, R. Noriega-Papaqui and A. Rosado,
arXiv:1106.5035 [hep-ph].
4. "New Higgs signals from a multi-scalar model with flavorsymmetry",
A.Aranda, J. L. Díaz-Cruz and A. Rosado,
arXiv:1107.0227 [hep-ph].
5. "On the sensitivity of the HAWC observatory to gamma-ray bursts",
A.U. Abeysekara *et al.* [HAWC collaboration],
arXiv:1108.6034 [astro-ph.HE].

Libros

1. "Memorias del VI Taller Nacional de Física y Ciencia de Materiales para Estudiantes de Posgrado".
ISBN: 968 863 850 1, Textos Científicos, BUAP (2006).
Editores: F. Pérez Rodríguez, A. Rosado Sánchez, A.B. Cabrera & N.R. Silva González.

Capítulos de Libros

1. "Symmetry Principles and Conservation Laws".
J.L. Díaz-Cruz & A. Rosado,
in Fundamentals of Physics, edited by José Luis Morán López,
in Encyclopedia of Life Support Systems (EOLSS), Developed under
the auspices of the UNESCO, Eolss Publishers, Oxford, UK,
<http://www.eolss.net>, 2006.

Reportes de grupos de trabajo

1. "Textures and the Higgs boson-fermion couplings".
J.L. Díaz-Cruz, R. Noriega-Papaqui & A. Rosado
in Workshop on CP studies and non-standard Higgs physics, edited by S. Kraml
et al., CERN Yellow Report, CERN-2006-009.
ISSN: 0007-8328; ISBN: 92-9083-280-0; ISBN: 978-92-9083-280-5.
E. Accomando *et al.*, ArXiv:hep-ph/0608079.