

## CURICULUM VITAE

**Ioannis (John) Rizos**

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Physics Department, University of Ioannina

### ► Personal

*Nationality* : Greek  
*Date of birth* : 1-8-62  
*Place of birth*: Kerkyra (Corfu), Greece.  
*Marital status* : Married (one child)  
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### ► Studies

**Sep 1974 - Jun 1980** High School, Corfu.

**Sep 1980 - Sep 1984** Physics Department, University of Ioannina (Diploma in Physics 1984).

**Sep 1984 - Mar 1985** Graduate student, teaching assistant, Physics Department University of Crete.

**Mar 1986 - Oct 1991** Graduate student, teaching & research assistant, Physics Department, University of Ioannina (PhD in Physics 1991).

### ► Academic and Professional Positions

**Nov 1991 - Oct 1993** Post-doc at the Centre de Physique Théorique of Ecole Polytechnique, Palaiseau, France.

**Nov 1993 - Mar 1994** Post-doc at the International School of Advanced Studies SISSA/ISAS, Trieste, Italy.

**Feb 1994** Elected Assistant Professor at the Physics Department of the University of Ioannina, Greece.

**Nov 1995 - Nov 1996** Visiting scientist at the International School of Advanced Studies SISSA/ISAS, Trieste, Italy.

**Nov 1996 - Jun 2005** Assistant Professor at the Physics Department of the University of Ioannina, Greece.

**May 2000 - Aug 2000** Corresponding Associate, Centre European de Research Nucléaire, (CERN), Switzerland.

**Oct 2000 - July 2001** Visiting Professor at the Centre de Physique Théorique of Ecole Polytechnique, Palaiseau, France.

**Feb 2002 - July 2003** Visiting Professor at the Centre de Physique Théorique of Ecole Normale Supérieure, Paris, France.

**Jun 2005 - Aug 2014** Associate Professor at the Physics Department of the University of Ioannina, Greece.

**Aug 2014 -** Professor at the Physics Department of the University of Ioannina, Greece.

► **Military service**

*Apr 1994 - Aug 1995* Military service as soldier of Communication Division of the Greek Army.

► **Teaching Experience**

*Physics Department, University of Ioannina*

**2011-2015** *Classical Electrodynamics I* (4 semesters).

**2006-2011** *Classical Mechanics II*, (7 semesters).

**2004-2011** *Classical Mechanics I*, (7 semesters).

**2004-2011** *New Technologies in Education*, (8 semesters).

**2002-today** *Computers in Mathematics and Physics*, (11 semesters).

**1997-2001** and [2011] *Group Theory*, (7 semesters).

*School of Science and Technology, Hellenic Open University*

**2004-today** *Classical Physics II*, (12 years).

► **Fellowships**

**1981-1984** : Fellow of the (Greek) National Fellowship Foundation during undergraduate studies.

**1986-1991** : Fellow of the Physics Department, University of Ioannina.

**1991-1993** : Fellow of the European Communities (Programme Science).

**1996-1997** : Marie Curie Fellow (Category 40, 6 months).

**2003** : Marie Curie Fellow (Category 40, 6 months, contract ref: HPMF-CT-2002-01898).

► **Languages spoken and proficiency**

Greek (mother tongue), English (fluent), French (fluent).

► **Membership of professional societies**

1. Greek Society of High Energy Physics
2. Greek Physical Society

► **Organization of Schools/Workshops/Conferences**

**2015** Member of the Organizing Committee of: *Beyond the Standard Models of Particle Physics and Cosmology, A Workshop in honor of Kyriakos Tamvakis on the occasion of his 65th birthday*, 24 May 2015, Ioannina Greece.

**2015** Member of the Organizing Committee of: *PLANCK 2015: 18th International Conference from the Planck Scale to the Electroweak Scale*, 22-19 May 2015, Ioannina, Greece.

**2005** Member of the Organizing Committee of: *CORFU2005: Corfu Summer Institute on Elementary Particle Physics*, Sept 4-26 2005, Corfu, Greece.

**2005** Member of the Organizing Committee of workshop *The Quest for Unification Theory Confronts Experiment*, Sept 4-26 2005, Corfu, Greece.

**2001** Member of the Organizing Committee of the *South European School on Elementary Particle Physics*, Aug. 31- Sep. 10, Corfu, Greece. Funded by the European Communities *High-level Scientific Conferences* (HPCF-2001-00052-01).

**2001** Member of the Organizing Committee of the *4<sup>th</sup> meeting of the RTN network Across the Present Energy Frontier : Probing the Origin of mass*, 10-12 Sept. 2001 Corfu, Greece.

**2000** Member of the Organizing Committee of: *The Annual Workshop of the Hellenic Society for the Study of High Energy Physics*, 20-23 April 2000, Ioannina, Greece.

► **Participation in research networks**

**2012-2015** Participation in the THALES programme *Beyond the Standard Model: Theoretical Elementary Particle Physics and Cosmology under the Light of LHC* co-financed by the European Union (European Social Fund - ESF) and Greek national funds.

**2012-2015** Participation in the ARISTEIA programme *Particle Physics and Cosmology in the LHC era* co-financed by the European Union (European Social Fund - ESF) and Greek national funds.

**2009-2013** Participation in the RTN *Unification in the LHC era*, PITN-GA-2009-237920, funded by the European Communities.

**2006-2009** Participation in the EU FP6 Research and Training Network "UniverseNet", MRTN-CT-2006-035863.

**2004-2007** Participation in the RTN *The Quest For Unification: Theory Confronts Experiment*, MRTN-CT-2004-503369, funded by the European Communities.

**2000-2004** Participation in the RTN *Across the Present Energy Frontier : Probing the Origin of mass*, HPRN-CT-2000-00148, funded by the European Communities.

**2001-2004** Participation in the RTN *Supersymmetry and the Early Universe*, HPRN-CT-2000-00152, funded by the European Communities.

**1997-1999** Participation in the TMR, *Beyond the Standard Model*, FMRX-CT96-0090, funded by the European Communities.

#### ► Administration

**2013-today** Head of the Physics Department of University of Ioannina.

**2009-2013** Vice Head of the Physics Department of University of Ioannina.

**2007-2011** Director of the Theory Division of Physics Department of University of Ioannina.

**2005-today** President of the Network Operation Center committee of University of Ioannina

#### ► Participation in Conferences, workshops, etc

1. “2nd Workshop of the Greek Society of High Energy Physics”, December 1986, Athens.
2. “3rd Workshop of the Greek Society of High Energy Physics”, January 1987, Athens.
3. “Summer School on High Energy Physics and Cosmology”, July 1998, Trieste, Italy.
4. “4th Workshop of the Greek Society of High Energy Physics”, February 1989, Athens.
5. “5th Workshop of the Greek Society of High Energy Physics”, February 1990, Athens.
6. “Spring School on Strings and Quantum Gravity”, March 1990, Trieste, Italy.
7. “XV International Warsaw Meeting on Elementary Particle Physics”, May 1992, Kazimierz, Poland.
8. “Paris–Roma–Utrecht triangular meeting”, June 1992, Heraclion, Greece.
9. “String Theory, Quantum Gravity and the Unification of Fundamental Interactions”, September 1992, Rome, Italy.
10. “XVII-th triangle meeting”, 5-7 April 1993, Utrecht, Holland.
11. “XVI International Warsaw Meeting on Elementary Particle Physics”, May 1993, Kazimierz, Poland.
12. “Summer School on High Energy Physics and Cosmology”, August 1993, Trieste, Italy.
13. “5th Hellenic School and Workshops on Elementary Particle Physics”, 3–24 September 1995, Corfu.

14. “*Spring School and Workshop on String Theory, Gauge Theory and Quantum Gravity*”, 18–29 March 1996, Trieste, Italy.
15. “*Summer School in High Energy Physics and Cosmology*”, 10 June–26 July 1996, Trieste, Italy.
16. “*Trieste Conference on Quarks and Leptons: Masses and Mixings*”, 7–18 October 1996, Trieste, Italy.
17. “*High Energy Physics in the Eve of the 21st century*”, 20–22 April 1997, Heraclion.
18. “*Symmetries in Intermediate and High Energy Physics and Applications*”, September 30–October 5, 1988, Ioannina, Greece.
19. “*HEP2000: Recent Developments in High Energy Physics*”, 20-23 April 2000, Ioannina, Greece.
20. “*SUSY2K: 8th International Conference on Supersymmetries in Physics*”, CERN, 26 June - 1 July 2000, Geneva, Switzerland.
21. Inaugural Meeting of the RTN network *Across the Present Energy Frontier : Probing the Origin of mass*, December 8-9, 2000, Oxford, England.
22. *South European School on Elementary Particle Physics*, Aug. 31- Sep. 10, 2001, Corfu, Greece.
23. 4<sup>th</sup> meeting of the RTN network *Across the Present Energy Frontier : Probing the Origin of mass*, 10-12 Sept. 2001, Corfu, Greece.
24. “*Aspects Geometriques et Cosmologiques des Branes et des Cordes*”, Ecole Normale Supérieure, 19-31 Aout 2002, Paris.
25. *HEP2003 Workshop*, 17-20 April, 2003, Athens.
26. *CORFU2005 “The 8th Hellenic School on Elementary Particle Physics”*, September 4-26, 2005, Corfu, Greece.
27. “*The Quest for Unification Theory Confronts Experiment*”, September 11-18, 2005, Corfu, Greece.
28. *BSM Institute: New Physics and the LHC*, 21 Jul - 15 Aug 2007, CERN, Switzerland.
29. *XXV Workshop on Recent Developments in High Energy Physics & Cosmology*, 28 - 31 March 2007, National Technical University, Athens, Greece.
30. *XXVI Workshop on Recent Developments in High Energy Physics and Cosmology (The annual meeting of the Hellenic Society for the Study of High Energy Physics)*, Ancient Olympia, 16-19 April 2008, Greece.
31. *TH Institute on String Phenomenology*, 3 Aug - 28 Aug 2009, CERN, Switzerland.
32. *SM and BSM physics at the LHC*, 3 Aug - 28 Aug 2009, CERN, Switzerland.
33. *FIFTH CRETE REGIONAL MEETING IN STRING THEORY*, Orthodox Academy of Crete, June 28 - July 6, 2009 , Kolymbari, Greece.
34. *2010 Workshop on Recent Advances in Particle Physics and Cosmology*, Aristotle University of Thessaloniki Thessaloniki, 25-28 March 2010, Greece.

35. *School and Workshops on Standard Model and Beyond and Standard Cosmology*, 30 Aug - 6 Sept 2009, Corfu, Greece.
36. *Planck 2010*, 31 May 2010 to 04 June 2010, CERN, Switzerland.
37. *String Phenomenology 2010*, 5 - 9 JULY 2010, Paris.
38. “*XLème INSTITUT D’ÉTÈ: CORDES, PARTICULES ET L’ UNIVERS*”, 15 juillet - 23 juillet 2010, ENS, Paris, France.
39. *School and Workshop on Fields and Strings: Theory-Cosmology-Phenomenology*, 5-12 September 2010, Corfu , Greece.
40. *The 4th UniverseNet School - Frontiers of Particle Cosmology*, 13-18 September 2010 Lecce, Italy.
41. *XXIX Workshop on Recent Advances in Particle Physics and Cosmology*, 14-16 April 2011, Patras, Greece.
42. *Workshop on Fields and Strings: Theory-Cosmology-Phenomenology*, 14-18 September 2011, Corfu, Greece.
43. *HEP2012: Recent Developments in High Energy Physics and Cosmology* , 5-8 April 2012, Ioannina , Greece.
44. *String Phenomenology 2014*, 7-11 July 2014, Trieste, Italy
45. *Beyond the Standard Models of Particle Physics and Cosmology, A Workshop in honor of Kyriakos Tamvakis on the occasion of his 65th birthday*, 24 May 2015, Ioannina Greece.
46. *PLANCK 2015: 18th International Conference from the Planck Scale to the Electroweak Scale*, 22-19 May 2015, Ioannina, Greece.

## ► Publications List

1. “**A light Z heterotic-string derived model**,” A. E. Faraggi and J. Rizos, *Nucl. Phys. B* **895** (2015) 233 [arXiv:1412.6432 [hep-th]].
2. “**Proton Stability in  $SU(5) \times U(1)$  and  $SU(6) \times SU(2)$  GUTs**”, A. E. Faraggi, M. Paraskevas, J. Rizos and K. Tamvakis, *Phys. Rev. D* **90** (2014) 015036 [arXiv:1405.2274 [hep-ph]].
3. “**Genetic Algorithms and the Search for Viable String Vacua**”, S. Abel and J. Rizos, *JHEP* **1408** (2014) 010 [arXiv:1404.7359 [hep-th]].
4. “**Top quark mass coupling and classification of weakly-coupled heterotic superstring vacua**”, J. Rizos, *Eur. Phys. J. C* **74**, 2905 (2014) [arXiv:1404.0819 [hep-ph]].
5. “**Shock waves as branes with throats**”, J. Rizos and N. Tetradis, *JHEP* **1302** (2013) 112 [arXiv:1210.4730 [hep-th]].
6. “**String Derived Exophobic  $SU(6) \times SU(2)$  GUTs**”, L. Bernard, A. E. Faraggi, I. Glasser, J. Rizos and H. Sonmez, *Nucl. Phys. B* **868** (2013) 1, [arXiv:1208.2145 [hep-th]].
7. “**Classicalization as a tunnelling phenomenon**”, J. Rizos, N. Tetradis and G. Tsolias, *JHEP* **1208** (2012) 054, [arXiv:1206.3785 [hep-th]].
8. “**Dynamical Classicalization**”, J. Rizos and N. Tetradis, *JHEP* **1204** (2012) 110, [arXiv:1112.5546 [hep-th]].
9. “**On the dynamics of classicalization**”, N. Brouzakis, J. Rizos and N. Tetradis, to *Phys. Lett.* **B708** (2012) 170-173, e-Print: arXiv:1105.1243 [hep-ph] .
10. “**Top mass and classification of heterotic superstring vacua**”, J. Rizos, PoS CORFU2011 (2011) 101 (12 pages).
11. “**Towards classification of  $SO(10)$  heterotic string vacua**” J. Rizos, *Fortsch. Phys.* **59** (2011) 1159-1163, e-Print: arXiv:1105.1243 [hep-ph]
12. “**Top Quark Mass in Exophobic Pati–Salam Heterotic String Model**”, Kyriakos Christodoulides, Alon E. Faraggi, John Rizos, *Phys. Lett.* **B702** (2011) 81-89 [arXiv:hep-ph/1104.2264]
13. “**Classification of Heterotic Pati–Salam Models**”, B. Assel, K. Christodoulides, A. E. Faraggi, C. Kounnas and J. Rizos, *Nucl. Phys.* **B844** (2011) 365-396 [arXiv:hep-th/1007.2268].
14. “**The ‘landscape’ of Pati–Salam heterotic superstring vacua**”, J. Rizos, *Fortsch. Phys.* **58** (2010) 758-762 [arXiv:hep-th/1003.0458]
15. “**Hierarchical Neutrino Masses and Mixing in Flipped- $SU(5)$** ”, J. Rizos and K. Tamvakis, *Phys. Lett.* **B685** (2010) 67-71 [arXiv:hep-th/0912.3997]
16. “**Exophobic Quasi-Realistic Heterotic String Vacua**”, B. Assel, K. Christodoulides, A. E. Faraggi, C. Kounnas and J. Rizos, *Phys. Lett.* **B683** (2010) 306 [arXiv:hep-th/0910.3697].

17. **“Spinor-Vector Duality in Heterotic SUSY Vacua”**, Tristan Catelin-Jullien, A. E. Faraggi, C. Kounnas and J. Rizos, *Nucl. Phys.* **B812** (2009) 103-127 [arXiv:hep-th/0807.4084].
18. **“Spinor-vector duality in N=2 heterotic string vacua”**, A. E. Faraggi, C. Kounnas and J. Rizos, *Nucl. Phys.* **B799** (2008) 19-33 [arXiv:hep-th/07120747].
19. **“A D-brane inspired trinification model”** G.K. Leontaris, J. Rizos, Prepared for 8th Hellenic School on Elementary Particle Physics (CORFU2005), Corfu, Greece, 4-26 Sep 2005. *J.Phys.Conf.Ser.***53**:722-730,2006, e-Print: hep-ph/0603203
20. **“Spinor - vector duality in fermionic  $Z_2 \times Z_2$  heterotic orbifold models”**, A. E. Faraggi, C. Kounnas and J. Rizos, *Nucl. Phys.* **B774** (2007) 208-231 [arXiv:hep-th/0611251].
21. **“Renormalization effects on neutrino masses and mixing in a string-inspired  $SU(4) \times SU(2)_L \times SU(2)_R \times U(1)_X$  model”** T. Dent , G.K. Leontaris, A. Psallidas, J. Rizos, *Phys. Rev.* **D75** (2007) 065027 [arXiv:hep-ph/0603228].
22. **“Chiral family classification of fermionic  $Z(2) \times Z(2)$  heterotic orbifold models”** A. E. Faraggi, C. Kounnas and J. Rizos, *Phys. Lett.* **B648** (2007) 84-89 [arXiv:hep-th/0606144].
23. **“A D-brane inspired  $U(3)_C \times U(3)_L \times U(3)_R$  model”**, G. K. Leontaris and J. Rizos, *Phys. Lett.* **B632** (2006) 710-716 [arXiv:hep-ph/0510230].
24. **“Gauge coupling and fermion mass relations in low string scale brane models”**, D. V. Gioutsos, G. K. Leontaris and J. Rizos, *Eur. Phys. J.* **C45** (2006) 241-247 [arXiv:hep-ph/0508120].
25. **“Fermion masses and proton decay in string-inspired  $SU(4) \times SU(2)^2 \times U(1)_X$ ”**, T. Dent, G. Leontaris and J. Rizos, *Phys. Lett.* **B605** (2005) 399-405 [arXiv:hep-ph/0407151].
26. **“Majorana neutrino masses from anomalous U(1) symmetries,”** , G. K. Leontaris, J. Rizos and A. Psallidas, *Phys. Lett.* **B597** (2004) 182-191 [arXiv:hep-ph/0404129].
27. **“Fermion masses and proton decay in string-inspired  $SU(4) \times SU(2)^2 \times U(1)_X$ ”** T. Dent, G. Leontaris and J. Rizos, *Published in “Boston 2004, Particles, strings and cosmology” 448-452.*
28. **“Classification of the chiral  $Z_2 \times Z_2$  fermionic models in the Heterotic Superstring”**, A. E. Faraggi, C. Kounnas, S.E.M. Nooij and J. Rizos, *Nucl. Phys.* **B695** (2004) 41-72 [arXiv:hep-th/0403058].
29. **“Five-brane configurations, Conformal Field Theories and the Strong Coupling Problem”**, E. Kiritsis, C. Kounnas, P. M. Petropoulos and J. Rizos, in the proceedings of the *“Second Crete Regional Meeting in String Theory”*, Kolymvari, Greece, June 19-28 2003 [arXiv:hep-th/0312300].
30. **“D-branes and the Standard Model”**, I. Antoniadis, E. Kiritsis, J. Rizos and T.N. Tomaras, *Nucl. Phys.* **B660** (2003) 81-115 [arXiv:hep-th/0210263].



31. **“Towards the classification of  $Z_2 \times Z_2$  fermionic models”**, A. E. Faraggi, C. Kounnas, S.E.M. Nooij and J. Rizos, to appear in the proceedings of 2nd International Conference on String Phenomenology 2003, Durham, England, 29 Jul - 4 Aug 2003 [arXiv: hep-th/0311058].
32. **“Five-brane configurations without a strong coupling regime”**, E. Kiritsis, C. Kounnas, P. M. Petropoulos and J. Rizos, *Nucl. Phys.* **B652** (2003) 165-195 [arXiv:hep-th/0204201].
33. **Exact solutions and the cosmological constant problem in dilatonic domain wall higher curvature gravity**, N. E. Mavromatos, J. Rizos, *Int. J. Mod. Phys.* **A18** (2003) 57-84 [arXiv:hep-th/0205299].
34. **“Anomalous  $U(1)$ s in type I superstring vacua”**, I. Antoniadis, E. Kiritsis and J. Rizos, *Nucl. Phys.* **B367** (2002) 92-118 [arXiv:hep-th/0204153].
35. **“A Pati–Salam model from branes”**, G. K. Leontaris and J. Rizos, *Phys. Lett.* **B510** (2001) 295-304 [arXiv:hep-ph/0012255].
36. **“String Inspired Higher Curvature terms and the Randall–Sundrum scenario”**, N. E. Mavromatos, J. Rizos, *Phys. Rev.* **D62** (2000) 124004 (11 pages) [arXiv:hep-th/0008074].
37. **“Implications of anomalous  $U(1)$  symmetry in Grand Unified Models : The flipped  $SU(5) \times U(1)$  paradigm”**, J. Ellis, G. K. Leontaris and J. Rizos, *JHEP* **0005** (2000) 001 (30 pages) [arXiv:hep-ph/0002263].
38. **“New fermion mass textures from anomalous  $U(1)$  symmetries with baryon and lepton number conservation”**, G. K. Leontaris and J. Rizos, *Nucl. Phys.* **B567** (2000) 32-60 [arXiv:hep-ph/9909206].
39. **“Higgs mass textures in flipped  $SU(5)$ ”**, J. Ellis, G. K. Leontaris and J. Rizos, *Phys. Lett.* **B464** (1999) 62-72 [arXiv:hep-ph/9907476].
40. **“ $N = 1$  supersymmetric  $SU(4) \times SU(2)_L \times SU(2)_R$  effective theory from the weakly coupled heterotic superstring”**, G. K. Leontaris and J. Rizos, *Nucl. Phys.* **B554** (1999) 3-49 [arXiv:hep-th/9901098].
41. **“A classification of the  $N = 2$ ,  $Z_2 \times Z_2$ -symmetric type II orbifolds and their type II asymmetric duals”**, A. Gregori, C. Kounnas and J. Rizos, *Nucl. Phys.* **B549** (1999) 16–62 [arXiv:hep-th/9807067].
42. **“Singularity–free cosmological solutions in quartic gravity”**, P. Kanti, J. Rizos and K. Tamvakis, *Phys. Rev.* **D59** (1999) 083512 (12 pages) [arXiv:gr-qc/9806085]
43. **“String threshold corrections in models with spontaneously broken supersymmetry”**, E. Kiritsis, C. Kounnas, P.M. Petropoulos and J. Rizos, *Nucl. Phys.* **B540** (1999) 87–148 [arXiv:hep-th/9807067].
44. **“Suppressing dimension–5 operators in general  $SU(5)$  models”**, M. E. Gomez, J. Rizos and K. Tamvakis, *Phys. Rev.* **D59** (1999) 015015 (6 pages) [arXiv:hep-ph/9807289].

45. “**Dilatonic black holes in higher curvature string gravity 2: Linear stability**”, P. Kanti, N. E. Mavromatos, J. Rizos, K. Tamvakis, and E. Winstanley, *Phys. Rev.* **D57** (1998) 6255–6264 [arXiv:hep-th/9703192].
46. “**String scale unification in an  $SU(6) \times SU(2)$  GUT**”, J. Rizos and K. Tamvakis, *Phys. Lett.* **B414** (1997) 277–287 [arXiv:hep-ph/9702295].
47. “**Threshold effects and radiative electroweak symmetry breaking in  $SU(5)$  extensions of the MSSM**”, A. Dedes, A. B. Lahanas, J. Rizos and K. Tamvakis, *Phys. Rev.* **D55** (1997) 2955–2964 [arXiv:hep-ph/9610271].
48. “**On the heterotic effective action at one loop gauge couplings and the gravitational sector**”, E. Kiritsis, C. Kounnas, P. M. Petropoulos and J. Rizos, in the proceedings of the “*5th Hellenic School and Workshops on Elementary Particle Physics*”, Corfu, Greece, 3–24 September 1995, [arXiv:hep-th/9605011].
49. “**Universality properties of  $N = 2$  and  $N = 1$  heterotic threshold corrections**”, E. Kiritsis, C. Kounnas, P. M. Petropoulos and J. Rizos, *Nucl. Phys.* **B483** (1997) 141–171 [arXiv:hep-th/9608034].
50. “**Solving the decompactification problem in String Theory**”, E. Kiritsis, C. Kounnas, P. M. Petropoulos and J. Rizos, *Phys. Lett.* **B385** (1996) 87–95 [arXiv:hep-th/9606087].
51. “**Dilatonic black holes in higher curvature string gravity**”, P. Kanti, N. E. Mavromatos, J. Rizos, K. Tamvakis, and E. Winstanley, *Phys. Rev.* **D54** (1996) 5049–5058 [arXiv:hep-th/9703192].
52. “**Universal moduli-dependent thresholds in  $Z_2 \times Z_2$  Orbifolds**”, P. M. Petropoulos and J. Rizos, *Phys. Lett.* **B374** (1996) 49–56 [arXiv:hep-th/9601037].
53. “**On the existence of singularity-free solutions in quartic gravity**”, J. Rizos and K. Tamvakis, *Phys. Lett.* **B326** (1994) 57–61 [arXiv:gr-qc/9401023].
54. “**Non-singular cosmological solutions of the loop-corrected superstring effective action**”, J. Rizos, in “*XVI Kazimierz Meeting on Elementary Particle Physics*”, Kazimierz, Poland, 24–28 May, 1993, published in *Warsaw Elem. Part. Phys.* (1993) 411–416 (World Scientific).
55. “**Singularity - free cosmological solutions of the superstring effective action**”, I. Antoniadis, J. Rizos and K. Tamvakis, *Nucl. Phys.* **B415** (1994) 497–514 [arXiv:hep-th/9305025].
56. “**Naturally light neutrinos in the flipped  $SU(5) \times U(1)$  superstring model**”, I. Antoniadis, J. Rizos and K. Tamvakis, *Phys. Lett.* **B279** (1992) 281–284.
57. “**Gauge symmetry breaking in the hidden sector of the flipped  $SU(5) \times U(1)$  superstring model**”, I. Antoniadis, J. Rizos and K. Tamvakis, *Phys. Lett.* **B278** (1992) 257–265.
58. “**Some selection rules for non-renormalizable chiral couplings in 4-D fermionic superstring models**”, J. Rizos and K. Tamvakis, *Phys. Lett.* **B262** (1991) 227–232.

59. “**Calculation of the top quark mass in the flipped  $SU(5) \times U(1)$  superstring model**”, G. K. Leontaris, J. Rizos and K. Tamvakis, *Phys. Lett.* **B251** (1990) 83–88.
60. “**Retracing the phenomenology of the flipped  $SU(5) \times U(1)$  superstring model**”, J. Rizos and K. Tamvakis, *Phys. Lett.* **B251** (1990) 369–378.
61. “**A three generation  $SU(4) \times O(4)$  string model**”, I. Antoniadis, G. K. Leontaris and J. Rizos, *Phys. Lett.* **B245** (1990) 161–168.
62. “**Phenomenological constraints imposed by the hidden sector in the flipped  $SU(5) \times U(1)$  superstring model**”, G. K. Leontaris, J. Rizos and K. Tamvakis, *Phys. Lett.* **B243** (1990) 220–226.
63. “**A new  $SU(5)$  model**”, J. Rizos and K. Tamvakis, *Phys. Lett.* **B212** (1988) 176–180.
64. “**MERLIN a Portable System for Multidimensional Minimization**”, G. A. Evagelakis, J. Rizos, I. E. Lagaris and I. N. Demetropoulos, *Computer Physics Communications* **46** (1987) 401–415.

► **Citations**

h-factor: 27

Citations (SPIRES): 2.150 approximately

*updated Dec 2015*