

Ahmad Sheykhi



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Homepage in Google Scholar: <https://scholar.google.com/citations?user=9D5mawgAAAAJ&hl=en>

Brief Academic Biography:

I was born in Bushehr province, in the south of Iran, on November 11, 1976. I was initially accepted to study medicine at the University of Tehran in 1995, but after three years, changed my major due to my great interest in physics. I started my study in physics in 2012 and obtained my BSc degree at Shiraz University in 2002. I finished my MSc courses in Theoretical Physics at Shiraz University in February 2004. Since I achieved distinction in MSc entrance exam, I was admitted in the PhD program without presenting a MSc thesis. I got my PhD degree in June 2007 at Shiraz University in Cosmology and Gravity. I promoted to Associate Professor in March 2011 and to full professor in 2016. Currently, I have two postdoc researchers and 8 PhD students under my supervision.

Educations:

PhD	Gravity and Cosmology	2004-2007	Shiraz University
MSc	Theoretical Physics	2002-2004	Shiraz University
BSc	Physics	1998-2002	Shiraz University

Positions:

- 2016- Present, Professor and Chair of Astrophysics and Cosmology Group, Shiraz University
- 2011-2016, Associate Professor and Chair of Astrophysics and Cosmology Group, Shiraz University
- 2007-2011, Assistant Professor, Shahid Bahonar University, Kerman, Iran

Current Research Interest: Cosmology and Dark Energy Models, Black Holes Physics, Gauge/Gravity Duality, Holographic Superconductors and related Topics.

Teaching experience:

Undergraduate: Electromagnetic Theory, Quantum Physics, Mathematical Physics, Classical Mechanics, Special Relativity, Modern Physics, General Relativity and Cosmology for undergraduate

Postgraduate: General Theory of Relativity I and II, Cosmology, Classical Electrodynamics, Black Holes Physics, Advanced Quantum Mechanics, Differential Geometry and Topology, Dark Energy.

Academic member:

- Member of Iran Academy of Science
- Member of Iranian Federation of Scientific Elites
- Permanent member of Iranian Physics society
- Permanent member of Iranian Astronomy society
- Editor of Iranian Journal of Science and Technology, (Science Branch)
- Permanent member of Excellence in Astronomy and Astrophysics of Iran (CEAAI),

Academic Honors and Awards:

1. One percent of the world's most cited scientists in 2019
2. TWAS 2014 Prize to Young scientist
3. Khwarizmi International Prize Award in Fundamental Sciences, Feb 2014, which is the most Important and International Scientific Prize which organizes by the president of Iran.
4. Distinguished Referee of European Physics Journal (EPJ) in 2013
5. Distinguished Researcher in Shiraz University, 2012- 2019
6. Distinguished Researcher in Fars Province, 2014
7. Distinguished Researcher in Kerman University and Kerman Province, 2008- 2011

International Invited Speaker and Scientific Visitor:

- Scientific visit of Institute of Physics, University of Oldenburg, Germany, August 2019- Jan 2020
- Invited Speaker, RTG colloquium, Oldenburg University, Germany, Sep 2019
- Invited Speaker, RTG colloquium, Bremen University, Germany Nov 2019
- Scientific visit of Max Planck Institute for Gravitational Physics (Albert Einstein Institute), Potsdam, Germany, Jan 2020-July 2020
- Invited Speaker, Max Planck Institute for Gravitational Physics, Germany, Feb 2020
- Invited Speaker, Physics Department, University of Vienna, Jun 2020
- Invited Speaker, Progress on Old and New Themes in cosmology (PONT) 2020, Avignon, France
- Summer School on Cosmology, ICTP, Trieste, Italy, 4-15 Aug 2014,
- Summer School on Cosmology, ICTP, Trieste, Italy, June 2016,
- Spring School in Superstring Theory and Related Topics, 15-25 March 2017, ICTP, Trieste, Italy
- ICHEP'06, (International Conference on High Energy Physics), Moscow, Russia, July 26 to Aug. 2, 2006
- Scientific visitor, Fudan University, Shanghai, China, Dec 2006- Jun 2007
- Annual Conferences in Physics, Fudan University, Shanghai, China, June 2007

Books Author:

- The dark side of the Universe, Astrophysics Press, Iran 2013.
- Dark Energy, Astrophysics Press, In press.

Thesis Supervisor/Advisor: 30 MSc Thesis and 14 PhD Thesis

Statistics of Publications (Google scholar)				
Total Web of Science papers	Nature index papers	Citations	h-index	i10-index
197	70	6120	46	140

Complete List of papers can be seen here: scholar.google.com/citations?user=9D5mawgAAAAJ&hl=en

Complete List of publications (197 papers):

1. Boundary conditions in stepwise Sine-Gordon equation and multi-soliton solutions
Authors: N. Riazi, A. Sheykhi
Journal-ref: Phys. Rev. D 74 (2006) 025003
2. Asymptotically nonflat Einstein-Born-Infeld-dilaton black holes with Liouville-type Potential
Authors: A. Sheykhi, N. Riazi, M. H. Mahzoon
Journal-ref: Phys. Rev. D 74 (2006) 044025
3. Counterterm method in Lovelock theory and horizonless solutions in dimensionally continued gravity
Authors: M. H. Dehghani, N. Bostani, A. Sheykhi
Journal-ref: Phys. Rev. D 73 (2006) 104013

4. Rotating solution of Einstein-Maxwell-dilaton gravity with unusual asymptotics
 Authors: A. Sheykhi, N. Riazi
 Journal-ref: Int. J. Theor. Phys. 45 (2006) 2453

5. Thermodynamics of rotating solutions in $(n+1)$ -dimensional Einstein-Maxwell-dilaton Gravity
 Authors: A. Sheykhi, M. H. Dehghani, N. Riazi, J. Pakravan
 Journal-ref: Phys. Rev. D 74 (2006) 084016

6. Thermodynamics of black holes in $(n+1)$ -dimensional Einstein-Born-Infeld dilaton gravity
 Authors: A. Sheykhi, N. Riazi
 Journal-ref: Phys. Rev. D 75 (2007) 024021

7. Magnetic Branes in $(n+1)$ -dimensional Einstein-Maxwell-dilaton gravity
 Authors: A. Sheykhi, M. H. Dehghani, N. Riazi
 Journal-ref: Phys. Rev. D 75 (2007) 044020

8. Thermodynamics of rotating black branes in $(n+1)$ -dimensional Einstein-Born-Infeld-dilaton gravity
 Authors: M. H. Dehghani, S. H. Hendi, A. Sheykhi, H. Rastegar-Sedehe
 Journal-ref: J. Cosm. Astro.Phys02 (2007) 020

9. Charged rotating black holes in dilaton gravity
 Authors: A. Sheykhi, N. Riazi
 Journal-ref: Int. J. Mod. Phys. A, Vol.22, No. 26 (2007) 4849

10. Thermodynamical properties of apparent horizon in warped DGP braneworld
 Authors: A. Sheykhi, B. Wang, R. G. Cai
 Journal-ref: Nucl. Phys. B 779 (2007) 1

11. Deep connection between thermodynamics and gravity in Gauss-Bonnet braneworld Authors: A. Sheykhi, B. Wang, R. G. Cai
 Journal-ref: Phys. Rev. D 76 (2007) 023515

12. String inspired explanation for the super-acceleration of our universe
 Authors: A. Sheykhi, B. Wang, N. Riazi
 Journal-ref: Phys. Rev. D 75 (2007) 123513

13. Observational constraints on braneworld model with brane-bulk energy exchange
 Authors: M. S Movahed and A. Sheykhi,
 Journal-ref: Mon. Not. R. Astron. Soc. 388, (2008) 197

14. Thermodynamics of charged topological dilaton black holes
 Authors: A. Sheykhi
 Journal-ref: Phys. Rev. D 76 (2007) 124025

15. Magnetic strings in Einstein-Born-Infeld-dilaton gravity
 Authors: M. H. Dehghani, A. Sheykhi and S. H. Hendi
 Journal-ref: Phys. Lett. B 659 (2008) 476

16. Topological Born-Infeld-dilaton black holes
 Authors: A. Sheykhi
 Journal-ref: Phys. Lett. B 662 (2008) 7

17. Rotating Black Holes in Einstein-Maxwell-Dilaton Gravity
 Authors: A. Sheykhi
 Journal-ref: Phys. Rev. D77 (2008) 104022

18. Thermodynamical Properties of topological Born-Infeld-dilaton black holes
 Authors: A. Sheykhi
 Journal-ref: Int. J. Mod. Phys. D. Vol. 18, No. 1 (2009)25

19. Charged rotating dilaton black strings in (A)dS spaces
 Authors: A. Sheykhi
 Journal-ref: Phys. Rev. D 78(2008) 064055

20. Asymptotically flat charged rotating dilaton black in higher dimensions
 Authors: A. Sheykhi, M. Allaverdizadeh, Y. Bahrapour and M. Rahnama
 Journal-ref: Phys. Lett. B 666 (2008) 82

21. Higher dimensional slowly rotating dilaton black holes in AdS spacetime
 Authors: A. Sheykhi, M. Allaverdizadeh
 Journal-ref: Phys. Rev. D 78 (2008) 064073

22. Magnetic dilaton strings in anti-de Sitter spaces
 Authors: A. Sheykhi
 Journal-ref: Phys. Lett. B 672 (2009) 101

23. Topological black holes in Brans-Dicke-Maxwell theory
 Authors: A. Sheykhi, H. Alavirad
 Journal-ref: Int. J. Mod. Phys. D, Vol. 18, No. 11 (2009) 1773

24. On topological charged braneworld black holes
 Authors: A. Sheykhi, B. Wang
 Journal-ref: Mod. Phys. Lett. A, Vol. 24, No. 31 (2009) 2531

25. Agegraphic Chaplygin gas model of dark energy
 Authors: A. Sheykhi
 Journal-ref: Int. J. Mod. Phys. D, Vol. 18, No. 13 (2009) 2023

26. Generalized second law of thermodynamics in Gauss-Bonnet braneworld
 Authors: A. Sheykhi, B. Wang
 Journal-ref: Phys. Lett. B 678 (2009) 434
27. Thermodynamics of charged Brans-Dicke AdS black holes
 A. Sheykhi, M. M. Yazdanpanah
 Journal-ref: Phys. Lett. B 679 (2009) 311
28. Thermodynamical interpretation of gravity in braneworld scenarios
 Authors: A. Sheykhi
 Journal-ref: J. Cosm. Astro. Phys 05 (2009) 019
29. Higher Dimensional Charged Rotating Dilaton Black Holes
 Authors: A. Sheykhi, M. Allahverdizadeh,
 Journal-ref: Gen. Relativ. Gravit. 42 (2010) 367
30. Interacting agegraphic dark energy models in non-flat universe
 Authors: A. Sheykhi,
 Journal-ref: Phys. Lett. B 680 (2009) 113
31. Interacting holographic dark energy in Brans-Dicke theory
 Authors: A. Sheykhi,
 Journal-ref: Phys. Lett. B 681 (2009) 205
32. Interacting new agegraphic dark energy in non-flat Brans-Dicke cosmology
 Authors: A. Sheykhi,
 Journal-ref: Phys. Rev. D 81 (2010) 023525
33. Interacting agegraphic tachyon model of dark energy
 Authors: A. Sheykhi,
 Journal-ref: Phys. Lett. B 682 (2009) 329
34. Generalized second law of thermodynamics in warped DGP braneworld
 Authors: A. Sheykhi, B. Wang
 Journal-ref: Mod. Phys. Lett. A, Vol. 25, No. 14 (2010) 1199
35. Thermodynamics of interacting holographic dark energy with apparent horizon as an IR cutoff,
 Authors: A. Sheykhi,
 Journal-ref: Class. Quantum Gravit. 27 (2010) 025007

36. Charged Rotating Kaluza-Klein Black Holes in Dilaton Gravity
 Authors: M. Allahverdizadeh, K. Matsuno and A. Sheykhi,
 Journal-ref: Phys. Rev. D 81 (2010) 044001
37. Magnetic Branes in Brans-Dicke-Maxwell Theory
 Authors: A. Sheykhi, E. Ebrahimi,
 Journal-ref: Int. J. Theor. Phys. 49 (2010) 445
38. Thermodynamics of viscous dark energy in an RSII braneworld
 Authors: M. R. Setare, A. Sheykhi
 Journal-ref: Int. J. Mod. Phys. D. Vol. 19, No. 2 (2010) 171
39. Charged rotating dilaton black branes in AdS universe
 Authors: A. Sheykhi, S. H. Hendi,
 Journal-ref: Gen. Relativ. Gravit. 42 (2010) 1571
40. Brane-Bulk energy exchange and agegraphic dark energy
 Authors: A. Sheykhi,
 Journal-ref: Int. J. Mod. Phys. D. Vol. 19, No. 3 (2010) 305
41. Thermodynamic instability of charged dilaton black holes in AdS spaces
 Authors: A. Sheykhi, M.H. Dehghani, S. H. Hendi
 Journal-ref: Phys. Rev. D. 81, (2010) 084040
42. Entropic Corrections to Friedmann Equations
 Authors: A. Sheykhi,
 Journal-ref: Phys. Rev. D. 81 (2010) 104011
43. Thermodynamics of apparent horizon and modified Friedman Equations
 Authors: A. Sheykhi,
 Journal-ref: Eur. Phys. J. C 69 (2010) 265
44. Viscous dark energy and generalized second law of thermodynamics
 Authors: M. R. Setare, A. Sheykhi
 Journal-ref: Int. J. Mod. Phys. D. Vol. 19, No. 7 (2010) 1205
45. Thermodynamical description of the interacting new agegraphic dark energy
 Authors: A. Sheykhi, M. R. Setare
 Journal-ref: Mod. Phys. Lett. A, Vol. 26, No. 25 (2011) 1897
46. Interacting new agegraphic viscous dark energy with varying G
 Authors: A. Sheykhi, M. R. Setare
 Journal-ref: Int. J. Theor. Phys, 49 (2010) 2777
47. Thermodynamics of interacting entropy-corrected holographic dark energy in a non-flat FRW universe
 Authors: M. Jamil, A. Sheykhi and M. U. Farooq
 Journal-ref: Int. J. Mod. Phys. D, Vol. 19, No. 11 (2010) 1831
48. Interacting entropy-corrected new agegraphic dark energy in Brans-Dicke cosmology
 Authors: K. Karami, A. Sheykhi, M. Jamil, Z. Azarmi, M. M. Soltanzadeh
 Journal-ref: Gen. Relativ. Gravit. 43(2011)27
49. Interacting agegraphic quintessence dark energy in non-flat universe
 Authors: A. Sheykhi, A. Bagheri and M.M. Yazdanpanah
 Journal-ref: J. Cosm. Astro. Phys 09 (2010) 017

50. Interacting HDE and NADE in Brans-Dicke Chameleon Cosmology
 Authors: A. Sheykhi, M. Jamil
 Journal-ref: Phys. Lett. B 694 (2011) 284
51. Thermodynamics of higher dimensional topological charged AdS black branes in dilatongravity,
 Authors: S.H. Hendi1, A. Sheykhi, M.H. Dehghani
 Journal-ref: Eur. Phys. J. C 70 (2010) 703
52. Interacting entropy-corrected agegraphic-tachyon dark energy
 Authors: MubasherJamil, Ahmad Sheykhi
 Journal-ref: Int. J Theor. Phys. 50 (2011) 625
53. Generalized second law of thermodynamics in modified FRW cosmology with corrected entropy-area relation
 Authors: K. Karami, A. Sheykhi, N. Sahraei, S. Ghaffari
 Journal-ref: Europhys. Lett. (EPL), 93 (2011) 29002
54. Thermodynamical description of interacting entropy-corrected new agegraphic dark energy
 Authors: KayoomarsKarami, Ahmad Sheykhi, MubasherJamil, F. Felegary, M.M. Soltanzadeh
 Journal-ref: Europhys. Lett. (EPL), 93 (2011) 69001
55. Entropic Corrections to Einstein Equations
 Authors S. H. Hendi and A. Sheykhi,
 Journal-ref: Phys. Rev. D 83 (2011) 084012
56. Power-law entropic corrections to Newton's law and Friedmann equations
 Authors: A. Sheykhi and S. H. Hendi
 Journal-ref: Phys. Rev. D 84, 044023 (2011)
57. Quintessence ghost dark energy model
 Authors: A. Sheykhi, Ali Bagheri
 Journal-ref: Europhys. Lett (EPL), 95 (2011) 39001
58. Modified Friedmann Equations on the Brane from Entropic Force
 Author: A. Sheykhi
 Journal-ref: Int J Theor Phys, 51 (2012) 185
59. Power-Law entropy corrected holographic dark energy model
 Authors A. Sheykhi and M. Jamil
 Journal-ref: Gen Relativ. Gravit. Vol. 43, Issue 10 (2011), 2661
60. Holographic dark energy in Brans-Dicke cosmology with Granda-Oliveros cut-off
 Authors: M. Jamil, K. karami, A. Sheykhi, E. Kazemi, Z. Azarmi
 Journal-ref: Int J Theor. Phys. 51 (2012) 604
61. Restoring New Agegraphic Dark Energy in RS II Braneworld
 Authors: M. Jamil, K. karami, A. Sheykhi
 Journal-ref: Int J Theor. Phys. 50 (2011) 3069
62. Instability of QCD ghost dark energy model
 Authors: E. Ebrahimi, A. Sheykhi
 Journal-ref: Int. J Mod. Phys. D Vol. 20, No. 12 (2011) 2369
63. Scalar field reconstruction of power-law entropy corrected HDE
 Authors: E. Ebrahimi, A. Sheykhi
 Journal-ref: Phys. Scr. 84 (2011) 045016
64. Holographic dark energy in Brans-Dicke theory with log corrections
 Authors: A. Sheykhi, K. Karami, M. Jamil, E. Kazemi and M. Hadad
 Journal-ref: Gen. Relativ. Gravit. 44 (2012) 623

65. Entropic corrections to Coulomb's law
Authors: S. H. Hendi, A. Sheykhi
Journal-ref: Int J Theor. Phys. 51 (2012) 1125
66. Interacting Ghost dark energy in non-flat universe
Authors: A. Sheykhi, S.M Sadegh Movahed
Journal-ref: Gen. Relativ. Gravit. 44 (2012) 449
67. Holographic scalar field models of dark energy
Authors: A. Sheykhi,
Journal-ref: Phys. Rev. D 84 (2011) 107302
68. Interacting Ghost Dark Energy in Brans-Dicke Theory
Authors: E. Ebrahimi, A. Sheykhi
Journal-ref: Phys. Lett. B 706 (2011) 19
69. Power-law entropy-corrected HDE and NADE in Brans-Dicke cosmology
Authors: A. Sheykhi, K. Karami, M. Jamil, E. Kazemi, M. Haddad
Journal-ref: Int J Theor. Phys. 51 (2012) 1663
70. Correspondence between new agegraphic and quintessence/tachyon dark energy with varying G, Authors: A. Sheykhi
Journal-ref: Phys. Scr. 84 (2011) 065904
71. Modified Friedmann equation from Debye entropic gravity
Authors: A. Sheykhi, Z. Teimoori
Journal-ref: Gen. Relativ. Gravit. 44 (2012) 1129
72. Power-law entropy corrected new agegraphic dark energy in Horava-Lifshitz cosmology
Authors: K. Karami, A. Sheykhi, Mubasher, Jamil, S. Ghaffari, A. Abdolmaleki
Journal-ref: Can. J. Phys. 90 (2012) 473
73. Viscous ghost dark energy with a varying gravitational constant
Authors: A. Sheykhi
Journal-ref: Phys. Scrip. 85 (2012) 045901
74. Tachyon Reconstruction of Interacting Ghost Dark Energy
Authors: A. Sheykhi, M. Sadegh Movahed, E. Ebrahimi
Journal-ref: Astrophys. Space Sci. 339 (2012) 93
75. Magnetic string in $f(R)$ gravity
Authors: A. Sheykhi
Journal-ref: Gen Relativ. Gravit. 44, (2012) 2271
76. Higher dimensional charged $f(R)$ black holes
Authors: A. Sheykhi,
Journal-ref: Phys. Rev. D 86 (2012) 024013
77. Einstein Equations and MOND theory from Debye Entropic Gravity
Authors: A. Sheykhi, K. Rezazadeh Sarab
Journal-ref: J. Cosm. Astro. Phys. 10 (2012) 012
78. Thermodynamics of the apparent horizon in infrared modified Horava-Lifshitz gravity
Authors: A. Sheykhi,
Journal-ref: Phys. Rev. D 87 (2013) 024022
79. Thermodynamics of Fractal Universe

Authors:A. Sheykhi, Z. Teimoori, Bin Wang
Journal-ref: Phys. Lett. B 718 (2013) 1203

80. Lovelock gravity from entropic force
Authors:A. Sheykhi, H. Moradpour, N. Riazi
Journal-ref: Gen Relativ. Gravit. 45 (2013) 1033

81. Rotating black string in $f(R)$ -Maxwell gravity
Authors: A. Sheykhi, S. Salarpour
Journal-ref: Phys. Scripta, 87, (2013) 045004

82. Friedmann equations from emergence of cosmic space
Authors:A .Sheykhi,
Journal-ref: Phys. Rev. D 87, 061501 (R) (2013)

83. Emergence of spacetime dynamics in entropy corrected and braneworld models
Authors:A .Sheykhi, M. H. Dehghani and S. E. Hosseini
Journal-ref: J. Cosm. Astro. Phys 04 (2013) 038

84. Rotating black branes in $f(R)$ gravity coupled to nonlinear Maxwell field
Authors:A. Sheykhi, S. H. Hendi
Journal-ref: Phys. Rev. D 87, 084015 (2013)

85. Extremal Myers-Perry black holes coupled to Born-Infeld electrodynamics in five dimensions
Authors: Masoud Allaverdizadeh, Jos P. S. Lemos, Ahmad Sheykhi
Journal-ref: Phys. Rev. D 87 (2013) 084002

86. Thermodynamics of viscous dark energy in DGP setup
Authors:K. Nozari, N. Behrouz, A . Sheykhi,
Journal-ref: Int J Theor. Phys. 52 (3013) 2351

87. Sounds of instability from generalized QCD ghost dark energy
Authors: E. Ebrahimi, A . Sheykhi,
Journal-ref: Int J Theor. Phys. 52 (2013) 2966

88. Thermodynamics of Quasi Topological Cosmology
Authors: M. H. Dehghani ,A . Sheykhi, R. Dehghani
Journal-ref: Phys. Lett. B 724 (2013) 11

89. Charged rotating black string in gravitating nonlinear electromagnetic fields
Authors: S. H. Hendi, A. Sheykhi,
Journal-ref: Phys. Rev D 88 (2013) 044044

90. Generalized ghost dark energy in Brans-Dicke theory
Authors:A. Sheykhi, E. Ebrahimi, Y. Yousefi
Journal-ref: Can. J. Phys. 91 (2013) 662.

91. Interacting generalized ghost dark energy in non-flat universe
Authors:A. Sheykhi, E. Ebrahimi, H. Alavirad
Journal-ref: Cent. Eur. J. Phys. 11 (7) 2013 949

92. Friedmann equations in braneworld scenarios from emergence of cosmic space
Authors:A .Sheykhi, M. H. Dehghani, S. E. Hosseini
Journal-ref: Phys. Lett. B 726 (2013) 23.

93. Quasi-topological cosmology from emergence of cosmic space

Authors: A .Sheykhi
Journal-ref: Chin. Phys. Lett 2 (2014) 020401

94. Necessity of Dark Energy from Thermodynamic Arguments
Authors: H. Moradpour, A. Sheykhi, N. Riazi and B.Wang
Journal-ref: Advances in High Energy Physics, Volume 2014, Article ID 718583

95. Entropy and Thermodynamics of Ghost Dark Energy
Authors:A.Sheykhi
Journal-ref:Can. J. Phys. Vol 92, No. 6 (2014) 529

96. Horizon Thermodynamics and Gravitational Field Equations in Quasi-Topological Gravity
Authors: A. Sheykhi , M. H. Dehghaniand R. Dehghani
Journal-ref: Gen. Relativ. Gravit. 46 (2014) 1679

97. Extremal Myers-Perry black holes coupled to Born-Infeld electrodynamics in odd dimensions
Authors: M. Allaverdizadeh, S. H. Hendi, J. Lemos and A. Sheykhi
Journal-ref: Int J Mod Phys D Vol. 23, No. 4 (2014) 1450032

98. Extremal Myers-Perry black holes in Born-Infeld-dilaton theory
Authors: M. Allaverdizadeh, S. H. Hendi and A. Sheykhi
Journal-ref: Phys Rev D 89 (2014) 084049

99. Conformally Schwarzschild black holes in an accelerating universe
Authors: N. Riazi, M. Moradpour and A. Sheykhi
Journal-ref: Int J Mod Phys DVol. 23, No. 5 (2014) 1450048

100. Quintessence reconstruction of interacting HDE in a non-flat universe
Authors: A. Sheykhi, H. Alavirad, A. Bagheri and E. Ebrahimi
Journal-ref: Commun. Theor. Phys. 61 (2014) 773

101. Dilaton black holes coupled to nonlinear electrodynamic field
Authors: A. Sheykhi, S. Hajkhalili
Journal-ref: Phys Rev D 89 (2014) 104019

102. Cosmological Constraints on Ghost Dark Energy in the Brans-Dicke Theory by Using MCMC Approach
Authors:H. AlaviradA. Sheykhi,
Journal-ref: Phys. Lett. B734 (2014) 148

103. Holographic dark energy in the DGP braneworld with Granda-Oliveros cutoff
Authors: S. Ghaffari, M. H. Dehghani and A. Sheykhi
Journal-ref: Phys Rev D 89 , 2014, 123009

104. Higher dimensional dilaton black holes in the presence of exponential nonlinear electrodynamics
Authors: A. Sheykhi, A. Kazemi
Journal-ref: Phys. Rev. D 90, 044028 (2014)

105. Best values of parameters for interacting HDE with GOIR-cutoff in Brans-Dicke cosmology
Authors: A.Khodam-Mohammadi, E. Karimkhani and A. Sheykhi
Journal-ref: Int. J.Mod. Phys.D, 23, 14 500813 (2014)

106. Thermodynamic stability of BTZ dilaton black holes
Authors: A. Sheykhi, S. H. Hendi and S. Salarpour
Journal-ref: Phys.Scr. 89 (2014) 105003

107. Rotating dilaton black strings coupled to exponential nonlinear electrodynamics
 Authors: A. Sheykhi
 Journal-ref: Advances in High Energy Physics, Volume 2014, Article ID 615041
108. Thermodynamics of higher dimensional topological dilation black holes with a power-law Maxwell field
 Authors: M. Kord Zangeneh, A. Sheykhi, and M. H. Dehghani,
 Journal-ref: Phys Rev D 91, 044035 (2015)
109. P-V criticality of charged dilatonic black holes
 Authors: M. H. Dehghani, S. Kamrani, and A. Sheykhi
 Journal-ref: Phys Rev D 90, 104020 (2014)
110. Statefinder diagnosis for holographic dark energy in the DGP braneworld
 Authors: S. Ghaffari, A. Sheykhi, M.H. Dehghani
 Journal-ref: Phys Rev D 91, 023007 (2015)
111. Thermodynamical description of the ghost dark energy model,
 Authors: M. Honarvayan, A. Sheykhi and H. Moradpour
 Journal-ref: Int. J. of Mod. Phys. D2 Vol. 24, No. 6 (2015) 1550048
112. Thermodynamics of nonlinear charged dilaton Lifshitz black branes with hyperscaling violation
 Authors: M. H. Dehghani, A. Sheykhi, E. Sadati
 Journal-ref: Phys. Rev. D 91, 124073 (2015)
113. Magnetic dilaton rotating strings in the presence of logarithmic nonlinear electrodynamics
 Authors: A. Sheykhi, Z. Mahmoudi
 Journal-ref: Gen Relativ Gravit 47 (2015) 90
114. Phase transition and thermodynamic geometry of topological dilaton black holes in gravitating logarithmic nonlinear electrodynamics
 Authors: A. Sheykhi, F. Naeimipour, S. M. Zebarjad
 Journal-ref: Phys. Rev D 91 (2015) 124057
115. Thermodynamics of topological nonlinear charged Lifshitz black holes
 Authors: M. Kord Zangeneh, A. Sheykhi, M.H. Dehghani
 Journal-ref: Phys Rev D 92 (2015) 024050
116. From the Komar mass and entropic force scenarios to the Einstein field equations on the AdS brane
 Authors: H. Moradpour and A. Sheykhi
 Journal-ref: Int J Theor Phys (2016) 55:1145–1155
117. Thermodynamics of Gauss-Bonnet-dilaton Lifshitz black branes
 Authors: M. Kord Zangeneh, M.H. Dehghani, A. Sheykhi,
 Journal-ref: Phys. Rev. D 92, (2015) 064023
118. Thermodynamics of rotating black branes in higher dimensional Einstein-nonlinear electrodynamics-dilaton gravity
 Authors: A. Sheykhi, S. H. Hendi
 Journal-ref: Can. J. Phys. 94 (2016) 58–70
119. Generalized second law of thermodynamics in parabolic LTB inhomogeneous Cosmology,
 Authors: A. Sheykhi, H. Moradpour, K. Rezazadeh Saraband B. Wang
 Journal-ref: Commun. Theor. Phys. 64 (2015) 597–604
120. Slowly rotating dilatonic black holes with exponential form of nonlinear electrodynamics
 Authors: S. H. Hendi, A. Sheykhi, M. Sepehri Rad and K. Matsuno
 Journal-ref: Gen Relativ Gravit 47 (2015) 117

121. Phase transition and thermodynamic geometry of Einstein-Maxwell-dilaton black holes
 Authors: S. H. Hendi, A. Sheykhi, S. Panahiyan and B. Eslam Panah
 Journal-ref: Phys. Rev. D 92, (2015) 064028
122. New holographic dark energy model inspired by the DGP braneworld
 Authors: A. Sheykhi, M. H. Dehghani, S. Ghaffari
 Journal-ref: International Journal of Modern Physics D, Vol. 25, No. 2 (2016) 1650018
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 Authors: M. Kord Zangeneh, M.H. Dehghani, A. Sheykhi,
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Authors: A. Sheykhi,

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Complete Scientific Visit:

- School of gifted students, IASBS, Zanjan, Iran, (2001)
- The 7th Workshop on Astrophysics and Cosmology, Shiraz, Iran (2002)
- The 1th National School on Cosmology, Babolsar, Iran, Summer 2003
- The 8th Workshop on Astrophysics and Cosmology, Mashhad, Iran (2004)
- The 11th Spring Conferences in Theoretical Physics, IPM, Yazd, Iran (2004)
- The 13th Spring Conferences in Theoretical Physics, IPM, Tehran, Iran (2006)
- ICHEP'06, (International Conference on High Energy Physics), Moscow, Russia, July 26 to Aug. 2, 2006

- Ph.D Research Visit Period, Dept. of Physics, Fudan University, Shanghai, China, Dec 2006- Jun 2007
- Annual Conferences in Physics, Fudan University, Shanghai, China, June 2-3, 2007
- National Conferences in Gravity and Cosmology, Tehran University, Tehran, Iran
- (2008)
- Spring School in Superstring Theory and Related Topics, 27 Mar – 4Apr 2008, ICTP, Trieste, Italy
- National Conferences in Astrophysics and Cosmology, Shiraz, Iran (2009)
- Invited speaker, 6thAdvanced workshop on astronomy and astrophysics, Maragha, sep 2011, Iran
- Invited speaker, 3rd workshop on cosmology, Esfahan Univ of Thecnology, Esfahan, 13 Feb 2012, Iran
- Invited speaker, Iranian Conferences on Physics, Yazd University, Yazd, Sep 2012, Iran
- Invited speaker, workshop on , Esfahan Univ of Thecnology, Esfahan, 13 Feb 2012, Iran
- Summer School on Cosmology, ICTP, Trieste, Italy, August 2014
- Invited speaker, workshop on Theoretical Physics, Sahand University of Technology, Tabriz, Sept 2014, Iran
- Summer School on Cosmology, ICTP, Trieste, Italy, 4-15 Aug 2014,
- Summer School on Cosmology, ICTP, Trieste, Italy, June 2016,
- Spring School in Superstring Theory and Related Topics, 15/03/2017 to 25/03/2017, ICTP, Trieste, Italy
- Scientific visit of Institute of Physics, University of Oldenburg, Germany, August 2019- Jan2020
- Scientific visit of Max Planck Institute for Gravitational Physics (Albert Einstein Institute), Potsdam, Germany, Jan 2020-July 2020
- Invited Speaker, RTG colloquium, Oldenburg University, Germany, Sep 2019
- Invited Speaker, RTG colloquium, Bremen University, Germany Nov 2019
- Invited Speaker, Max Planck Institute for Gravitational Physics, Germany, Feb 2020
- Invited Speaker, Physics Department, University of Vienna, Jun 2020
- Invited Speaker, Progress on Old and New Themes in cosmology (PONT) 2020, Avignon, France

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