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Employment

- July 2006 – present: Professor, University of Kentucky.
- Sept. 2007 – Aug. 2008: Member, Institute for Advanced Study, Princeton NJ.
- July 1999 – 2006: Associate Professor, University of Kentucky.
- Aug. 2000 – Aug. 2001: Visiting Professor, Massachusetts Inst. of Technology.
- July 1994 – Aug. 1999: Assistant Professor, University of Kentucky.
- Sept. 1991 – Aug. 1994: Postdoctoral Associate, Cornell University.
- Sept. 1988 – Aug. 1991: Member, Institute for Advanced Study, Princeton NJ.

Education

- Ph.D. in Physics, University of California at Santa Barbara (1988).
Thesis advisor: Frank Wilczek (2004 Nobel Prize).
- A.B. in Mathematics, Harvard University (1984).

Postdoctoral Associates

- Ian Ellwood (2007 – 2009).
- Willie Merrell (2007 – 2009).
- Xinkai Wu (2004 – 2007).
- Matthew Lippert (2004 – 2006).
- Chengang Zhou (2003 – 2006).
- Jeremy Michelson (2002 – 2006).
- Partha Mukhopadhyay (2002 – 2005).

Graduate Students

- Herbert Morales, PhD (2005). Assistant Professor of Physics at University of Costa Rica.
- Adel Ahmed, PhD (2001). Assistant Professor of Physics at Ain Shams University, Cairo, Egypt.
- Ioan Popescu, PhD (2001). Research Fellow, British Columbia Cancer Center.

Publications

1. S. R. Das, A. Ghosh, J. -H. Oh, A. D. Shapere, “On Dumb Holes and their Gravity Duals,” JHEP **1104**, 030 (2011).
2. V. Balasubramanian, B. Czech, A. Shapere, and B. Wecht, “Quiver Topology and RG Dynamics,” JHEP **0904**, 079 (2009).
3. A. D. Shapere and Y. Tachikawa, “A counterexample to the ‘a-theorem’,” arXiv:0809.3238 [hep-th], submitted to JHEP.
4. A. D. Shapere and Y. Tachikawa, “Central charges of N=2 superconformal field theories in four dimensions,” JHEP **0809**, 109 (2008) arXiv:0804.1957 [hep-th].
5. P. C. Argyres, M. Crescimanno, A. D. Shapere and J. R. Wittig, “Classification of N = 2 superconformal field theories with two-dimensional Coulomb branches,” hep-th/0504070.
6. L. A. Anchordoqui, J. L. Feng, H. Goldberg and A. D. Shapere, “Characteristics of cosmic ray showers mediated by black holes,” in Proceedings of the Tenth Marcel Grossmann Meeting on General Relativity, edited by M. Novello et.al., (World Scientific, 2005).
7. L. A. Anchordoqui, J. L. Feng, H. Goldberg and A. D. Shapere, “Inelastic black hole production and large extra dimensions,” Phys. Lett. **594B** (2004) 363.
8. S. R. Das, J. Michelson, and A. D. Shapere, “Fuzzy spheres in pp-wave matrix string theory,” Phys. Rev. D **70** (2004) 026004.
9. L. A. Anchordoqui, J. L. Feng, H. Goldberg and A. D. Shapere, “Black Holes from Colliders and Cosmic Rays,” in refereed proceedings of Quantum Theory and Symmetries 3 (World Scientific, 2004).
10. L. A. Anchordoqui, J. L. Feng, H. Goldberg, and A. D. Shapere, “Quest for Black Holes and Superstring Excitations in Cosmic Ray Data,” arXiv:hep-ph/0309082, in Proceedings of COSMO 03, 25-29 Aug 2003.
11. L. A. Anchordoqui, J. L. Feng, H. Goldberg, and A. D. Shapere, “Updated limits on TeV-scale gravity from absence of neutrino cosmic ray showers mediated by black holes,” Phys. Rev. D **68** (2003) 104025.
12. L. A. Anchordoqui, J. L. Feng, H. Goldberg, and A. D. Shapere, “TeV-Scale Black Holes from Cosmic Rays,” in Proceedings of SUGRA20, Northeastern University (2003).
13. L. A. Anchordoqui, J. L. Feng, H. Goldberg, and A. D. Shapere, “Neutrino bounds on astrophysical sources and new physics,” Phys. Rev. D **66** (2002) 103002.

14. I. A. Popescu and A. D. Shapere, “Central Charge and BPS Equations of N=2 Supersymmetric Yang-Mills Theory,” *J. High Energy Physics* **0210** (2002) 033.
15. L. A. Anchordoqui, H. Goldberg, and A. D. Shapere, “Phenomenology of Randall-Sundrum black holes,” *Phys Rev. D* **66** (2002) 024033.
16. L. A. Anchordoqui, J. L. Feng, H. Goldberg, and A. D. Shapere, “Black holes from cosmic rays: Probes of extra dimensions and new limits on TeV-scale gravity,” *Phys.Rev. D* **65** (2002) 124027.
17. J. L. Feng and A. D. Shapere, “Black hole production by cosmic rays,” *Phys. Rev. Lett.* **88** (2002) 021303.
18. A. Shapere, “Solitons, Duality, and Supersymmetric Gauge Theories,” in *Solitons: Properties, Dynamics, Interactions, Applications*, ed. R. MacKenzie et.al. (Springer-Verlag, 2000).
19. A. Shapere and C. Vafa, “BPS Structure of Argyres–Douglas Superconformal Theories,” hep-th/9910182.
20. A. Shapere, “What Can Supersymmetric Gauge Theories and String Theory Learn from Each Other?” in *Recent Developments in Nonperturbative Quantum Field theory*, eds. Y.M. Cho and M. Virasoro (World Scientific, 1998).
21. N. Evans, C.V. Johnson, A.D. Shapere, “Orientifolds, Branes, and Duality of 4D Gauge Theories,” *Nuclear Physics* **B505** (1997) 251.
22. P.C. Argyres, M.R. Plesser, and A.D. Shapere, “N=2 Moduli Spaces and N=1 Dualities for $SO(n_c)$ and $USp(2n_c)$ Super-QCD,” *Nuclear Physics* **B483** (1997) 172.
23. P.C. Argyres and A.D. Shapere, “The Vacuum Structure of N=2 SuperQCD with Classical Gauge Groups,” *Nuclear Physics* **B461** (1996) 437.
24. P.C. Argyres, A. Faraggi, and A.D. Shapere, “Curves of Marginal Stability in N=2 SuperQCD,” in *Future Perspectives in String Theory: Strings '95*, eds. I. Bars, P. Bouwknegt, and J. Minahan (World Scientific, 1996).
25. P.C. Argyres, M.R. Plesser, and A.D. Shapere, “The Coulomb Phase of N=2 Supersymmetric QCD,” *Physical Review Letters* **75** (1995) 1699–1702.
26. S. Chung, M. Fukuma, and A. Shapere, “Structure of Topological Lattice Field Theories in Three Dimensions,” *Int. J. Mod. Phys.* **A9** (1994) 1305–1360.
27. A. Giveon and A. Shapere, “Gauge Symmetries of the $N = 2$ String,” *Nuclear Physics* **B386** (1992) 43–62.
28. A. Shapere, S. Trivedi, and F. Wilczek, “Dual Dilaton Dyons,” *Modern Physics Letters* **A6** (1991) 2677–2686.

29. J. Preskill, P. Schwarz, A. Shapere, S. Trivedi, and F. Wilczek, “Limitations on the Statistical Description of Black Holes,” *Modern Physics Letters* **A6** (1991) 2355–2362.
30. B. Greene, A. Shapere, C. Vafa, and S.-T. Yau, “Stringy Cosmic Strings and Non-Compact Calabi-Yau Manifolds,” *Nuclear Physics* **B337** (1990) 1.
31. A. Shapere, “Modular Invariance of Gauge Theories and String Compactifications,” in *Number Theory and Physics*, eds. J.-M. Luck, P. Moussa, and M. Waldschmidt (Berlin: Springer Verlag, 1990) pp. 44–55.
32. S. Ferrara, D. Lüüst, A. Shapere, and S. Theisen, “Modular Invariance in Supersymmetric Field Theories,” *Physics Letters* **B225** (1989) 363–366.
33. J. Moody, A. Shapere, and F. Wilczek, “Adiabatic Effective Lagrangians,” in *Geometric Phases in Physics, op.cit.*, pp. 160–181.
34. A. Shapere and F. Wilczek, *Geometric Phases in Physics* (book), (World Scientific, 1989).
35. A. Shapere and F. Wilczek, “Self-Dual Models with Theta Terms,” *Nuclear Physics* **B320** (1989) 669.
36. A. Shapere, “Gauge Mechanics of Deformable Bodies,” PhD Thesis (Univ. of California, Santa Barbara, 1988), UMI-89-24498-mc (microfiche) 101pp.
37. A. Shapere and F. Wilczek, “Gauge Kinematics of Deformable Bodies,” *American Journal of Physics* **57** (1989) 514–518.
38. A. Shapere and F. Wilczek, “Efficiencies of Self-Propulsion at Low Reynolds Number,” *Journal of Fluid Mechanics* **198** (1989) 587–599.
39. A. Shapere and F. Wilczek, “Geometry of Self-Propulsion at Low Reynolds Number,” *Journal of Fluid Mechanics* **198** (1989) 557–585.
40. A. Shapere and F. Wilczek, “Self-Propulsion at Low Reynolds Number,” *Physical Review Letters* **58** (1987) pp.2051–2054.
41. V. P. Nair, A. Shapere, A. Strominger, and F. Wilczek, “Compactification of the Twisted Heterotic String,” *Nuclear Physics* **B287** (1987) 402–418.
42. J. Moody, A. Shapere, and F. Wilczek, “Realizations of Magnetic Monopole Gauge Fields: Diatoms and Spin Precession,” *Physical Review Letters* **56** (1986) 893–896.