

Oliver DeWolfe

Department of Physics, 390 UCB
University of Colorado
Boulder, CO 80309
Office: 303-492-3272 Fax: 303-492-5119
Email: Oliver.DeWolfe@colorado.edu

Research Interests

- Theoretical particle and gravitational physics; primarily string theory.

Positions Held

- Assistant Professor, 2006–present
Department of Physics, University of Colorado at Boulder.
- Research Staff Postdoc, 2003–2005
Department of Physics, Princeton University.
- Postdoctoral Researcher, 2000–2003,
Kavli Institute for Theoretical Physics, University of California at Santa Barbara.

Education

- Massachusetts Institute of Technology
Ph.D. Physics, 2000; Barton Zwiebach, Advisor. Thesis: *Quantum Field Theories and Higher-Dimensional Gravitational Dynamics*.
- Wesleyan University
B.A. Physics and Astronomy, high honors, *summa cum laude*, 1995; John Salzer, Advisor. Thesis: *Elemental Abundances In Blue Compact Dwarf Galaxies*.

Honors

- National Science Foundation Graduate Research Fellowship honorable mention, 1996.
- Phi Beta Kappa, fall election, 1994.
- Barry M. Goldwater national scholarship for science and mathematics, 1994.

Teaching

- Recitation/lab coordinator, Physics 2010, Spring 2006.

Personal Information

- Date and Place of Birth: 2 April 1973, New York, NY.
- Citizenship: United States Citizen.

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Recent Publications

- O. DeWolfe, “Enhanced symmetries in multiparameter flux vacua,” JHEP **0510** 066 (2005) [arXiv:hep-th/0506245].
- O. DeWolfe, A. Giryavets, S. Kachru and W. Taylor, “Type IIA Moduli Stabilization,” JHEP **0507** 066 (2005) [arXiv:hep-th/0505160].
- O. DeWolfe, A. Giryavets, S. Kachru and W. Taylor, “Enumerating Flux Vacua with Enhanced Symmetries,” JHEP **0502** 037 (2005) [arXiv:hep-th/0411061].
- O. DeWolfe, S. Kachru and H. Verlinde, “The Giant Inflaton,” JHEP **0405** 017 (2004) [arXiv:hep-th/0403123].
- O. DeWolfe and N. Mann, “Integrable Spin Chains in Defect Conformal Field Theories,” JHEP **0404** 035 (2004) [arXiv:hep-th/0401041].
- O. DeWolfe, R. Roiban, M. Spradlin, A. Volovich, J. Walcher, “On the S-Matrix of Type 0 String Theory,” JHEP **0311** 012 (2003) [arXiv:hep-th/0309148].
- O. Aharony, O. DeWolfe, D. Z. Freedman and A. Karch, “Defect Conformal Field Theory and Locally Localized Gravity,” JHEP **0307** 030 (2003) [arXiv:hep-th/0303249].
- O. DeWolfe and S. B. Giddings, “Scales And Hierarchies In Warped Compactifications And Brane Worlds,” Phys. Rev. D **67**, 066008 (2003) [arXiv:hep-th/0208123].