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Biographical Sketch

Education

1966–1969: Ph.D. in Theoretical Physics, Cambridge University

1965: B.Sc. in Mathematics, London University

Academic Appointments

2001–present: Professor, University of Colorado, Boulder, Colorado

1996–2001: Associate Professor, University of Colorado, Boulder, Colorado

1989–1996: Assistant Professor, University of Colorado, Boulder, Colorado

2005–2006: Long term visitor Perimeter Institute, Waterloo, ON Canada

1997-1998: Invited visitor, Institute for Advanced Study, Princeton, NJ.

1989 (March)-1989 (August): Member, Institute for Advanced Study, Princeton, NJ.

1974 - 1983: Lecturer, Senior Lecturer, Professor, University of Sri Lanka

1969-1970: Post-doctoral fellowship at University of Toronto

1970-1972: Research Fellow Churchill College University of Cambridge

1973-1974: Visiting Scientist CERN, Geneva

Honors and Awards

1993: Japan Society for the Promotion of Science Fellowship

1983: Commonwealth Academic Staff Fellowship

Peer Reviewed Publications 2003-2006

1. **“The landscape of string theory and the wave function of the universe”**
R. Brustein and S. P. de Alwis
Phys. Rev. D **73**, 046009 (2006) [arXiv:hep-th/0511093]
2. **“On integrating out heavy fields in SUSY theories”**
S. P. de Alwis
Phys. Lett. B **628**, 183 (2005) [arXiv:hep-th/0506267]
3. **“Effective potentials for light moduli”**
S. P. de Alwis
Phys. Lett. B **626**, 223 (2005) [arXiv:hep-th/0506266]

4. **“Cosmological stabilization of moduli with steep potentials”**
R. Brustein, S. P. de Alwis and P. Martens
Phys. Rev. D **70**, 126012 (2004) [arXiv:hep-th/0408160]
5. **“Brane worlds in 5D and warped compactifications in IIB”**
S. P. de Alwis
Phys. Lett. B **603**, 230 (2004) [arXiv:hep-th/0407126]
6. **“Moduli potentials in string compactifications with fluxes: Mapping the discretuum”**
R. Brustein and S. P. de Alwis
Phys. Rev. D **69**, 126006 (2004) [arXiv:hep-th/0402088]
7. **“On potentials from fluxes”**
S. P. de Alwis
Phys. Rev. D **68**, 126001 (2003) [arXiv:hep-th/0307084]

Preprints submitted for publication 2006

1. **“The Scales of Brane Nucleation Processes”**
S. P. de Alwis
arXiv:hep-th/0605253
2. **“Transitions Between Flux Vacua”**
S. P. de Alwis
arXiv:hep-th/0605184

Invited Conference Talks and Lectures

1. January 2006 Lectures on ” Superstring Cosmology” at Perimeter Institute, Waterloo, ON, Canada.
2. Dec. 2005 ”The Wave function of the Universe and the Landscape of String Theory” Miami 2005 Conference
3. August 2005 Lectures on ”Potentials for light modul” at Shanghai Inst. for Advanced Study
4. June 2005 Lectures on ”Potentials for light moduli” at TASI summer school, Boulder CO
5. July 2004 Lectures on ”Flux Compactifications” at the International School on Mathematical Physics Beijing and Shanghai, China
6. ”On Potentials from Flux Compactifications” ”Quantum Theory and Symmetry” Conference, University of Cincinnati
7. ”On Potentials from Flux Compactifications” ”M theory workshop” MCTP University of Michigan