Curriculum Vitae

Name: Ali Imaanpur
Current Address: Department of Physics, School of Sciences,
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University Education

B.Sc. June 1989, Sharif University of Technology, Tehran, Iran
M.Sc. April 1992, Sharif University of Technology, Tehran, Iran
Ph.D. Oct. 1998, The University of Adelaide, Adelaide, Australia

Research Interests

String Theory, Supersymmetric Gauge Theories, Instantons,
Topological Field Theory

Conferences and Workshops

53rd Annual Meeting of the Australian Mathematical Society,
28 Sep. - 1st Oct., 2009, University of South Australia, Adelaide, Australia.
Fourth Regional Meeting in String Theory, 10-17 June, 2007, Patras, Greece.
3rd Crete Regional Meeting in String Theory, June 23- July 2, 2005, Orthodox Academy of Crete, Crete, Greece.
11th Regional Conference in Mathematical Physics, May 3-6 2004, Tehran, Iran.
ISS2003 IPM String School and Workshop, Sep. 29 - Oct. 9, 2003, Anzali, Caspian Sea, Iran.
Spring School and Workshop in String Theory, March 2002, ICTP, Italy. Strings 2001, 5-10 January, Tata Institute for Fundamental Research, India.
Crete Regional Meeting in String Theory, June 10-20, 2001, Crete University, Crete, Greece
School and Workshop in String Theory, May 2000, Isfahan University of Technology, Isfahan, Iran.
Summer School and Workshop in Particle Physics and Cosmology, June 1996, ICTP, Italy.
Summer School and Workshop in Topological Field Theory, July 1995, Adelaide University, Adelaide, Australia.
Summer School in Particle Physics, June 1995, ANU, Canberra, Australia

Invited Talks

Topics in AdS/CFT,
University of Melbourne, 14-18 Dec. 2009, Melbourne, Australia.
Non-supersymmetric Instantons and their supergravity dual,
53rd Annual Meeting of the Australian Mathematical Society,
28 Sep. - 1st Oct., 2009, University of South Australia, Adelaide, Australia.
Solitons and vortices in holographic QCD,
Fourth Regional Meeting in String Theory, 10-17 June, 2007, Patras, Greece.
A New Deformation of N=4 SYM Theory via RR Flux, 3rd Crete Regional Meeting in String Theory, June 23- July 2, 2005, Orthodox Academy of Crete, Crete, Greece.
Deformed Instantons, 11th Regional Conference in Mathematical Physics, May 3-6 2004, Tehran, Iran.
Noncommutative Instantons, ISS2002 IPM String School and Workshop, April 20 - May 2, 2002, Shiraz, Iran.
Instantons on D-branes in a Background B-field, Crete Regional Meeting in String Theory, June 10-20, 2001, Crete University, Crete, Greece.

Publications

1) U(1) Instantons on AdS_4 and the Uplift to Exact Supergravity Solutions,
Ali Imaanpur**, JHEP** 1111, 041 (2011).

2) Dual Instantons in Anti-membranes Theory,
Ali Imaanpur and M. Naghdi,
Phys.Rev.D 83, 085025 (2011).

3) Charged Particles in Monopole Background on Fuzzy Sphere,
Ali Imaanpur,
Lett. Math. Phys. 80, (2007), 273-283.

4) Nonanticommutative Deformation of N = 4 SYM Theory: The Myers Effect and Vacuum States,
Reza Abbaspur and Ali Imaanpur,
JHEP 0601, 017 (2006), [arXiv:hep-th/0509220].

5) Supersymmetric D3-branes in Five-Form Flux,
Ali Imaanpur,
JHEP 0503, 030 (2005), [arXiv:hep-th/0501167].

6) N = 1/2 super Yang-Mills theory on Euclidean AdS_2 X S^2,
Ali Imaanpur and Shahrokh Parvizi,
JHEP 0407, 010 (2004), [arXiv:hep-th/0403174].

7) Comments on Gluino Condensates in N = 1/2 SYM Theory,
Ali Imaanpur,
JHEP 0312, 009 (2003), [arXiv:hep-th/0311137].

8) On Instantons and Zero Modes of N = 1/2 SYM Theory,
Ali Imaanpur,
JHEP 0309, 077 (2003), [arXiv:hep-th/0308171].

9) Dirac Operator on Noncommutative AdS_2,

H. Fakhri and A. Imaanpur,
JHEP 0303, 003 (2003), [arXiv:hep-th/0302154].

10) N = 2 SO(N) SYM Theory from Matrix Model,
R. Abbaspur, A. Imaanpur, and S. Parvizi,
JHEP 0307, 043 (2003), [arXiv:hep-th/0302083].

11) Topological DBI Actions and Nonlinear Instantons,
A. Imaanpur,
Phys. Lett. B 520, 170 (2001), [arXiv:hep-th/0105143].

12) On Supermembrane Actions on Calabi-Yau 3-folds,
A. Imaanpur,
Phys. Lett. B 492, 365 (2000), [arXiv:hep-th/0008109].

13) A 3d Topological Sigma Model and D-branes,
A. Imaanpur,
JHEP 9909, 010 (1999), [arXiv:hep-th/9906131].

14) N = 4 SYM on \Sigma X S^2 and its Topological Reduction,
A. Imaanpur,
Nucl. Phys. B 551, 467 (1999), [arXiv:hep-th/9803042].

15) Supersymmetry and Gauge Theory on Calabi-Yau 3-folds,
J.M. Figueroa-O'Farrill, A. Imaanpur and J. McCarthy,
Phys. Lett. B 419, 167 (1998), [arXiv:hep-th/9709178].

Conference Proceedings

Deformed Instantons,
in Mathematical Physics, Proceedings of the XI Regional Conference,
published by World Scientific Publishing Co. Pte. Ltd., 2005.