

VITA

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Associate Professor

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Adjunct Professor, University of Regina, Regina, SK S4S 0A2, Canada.

PREVIOUS POSITIONS:

Assistant Professor (2002-2005 (July)), University of Regina, Regina, SK S4S 0A2, Canada.

Post-Doctoral Research Associate (1998-2002), Department of Physics, Texas A&M University.

Post-Doctoral Research Associate (1995-1998), Institute of Theoretical Sciences, University of Oregon, Eugene, OR 97403.

EDUCATION:

- Ph.D (Physics) Oklahoma State University, (Fall, 1990-Summer, 1995) (GPA 4.0).
- M.Sc (Physics) University of Calcutta, India, (1988-1990) (was placed in First class).
- B.Sc (Physics, Mathematics) Presidency College, Calcutta University, (1984-1987) (was placed in First class).

SPECIAL AWARDS AND HONORS:

- Selected an outstanding junior scientist in Canada by the Partnership Group for Science and Engineering. Attended the symposium “Leaders of Tomorrow” in Canadian Parliament, Ottawa (Nov., 2004).
- Best research Assistant (1993, OSU).
- National Merit Scholarship (B.Sc).
- National Merit Scholarship (High School).

REFEREE:

- National Science Foundation Grant proposal.
- Physics Review D and Physics Review Letters.
- Physics Letters B.

INVITED CONTRIBUTIONS:

- Invited to contribute to the Supersymmetry Parameter Analysis project (Chairpersons: J. Kalinowski, H.-U. Martyn).
- Invited to contribute in recent APS Neutrino Study (Study Organizers: Boris Kayser and Stuart Freedman).
- Invited to contribute to white paper for Linear Collider.
- Invited to contribute to report of the SUGRA working group for RUN II of the Tevatron.

- Invited to contribute to report on low scale and gauge mediated supersymmetry breaking at the Fermilab Tevatron RUN II.
- Invited to contribute to report of the beyond the MSSM subgroup for the Tevatron RUN II SUSY / Higgs workshop.

RESEARCH PUBLICATIONS CITATION STATISTICS:

Total citations: 2605, 26 citations/published paper. Nos. of published papers with 50+ citations: 10, nos. of published papers with 100+ citations: 2. Source: <http://www.slac.stanford.edu/spires/>

GRANTS :

- Department of Energy (2007-).
- NSF-Research Experiences for Undergraduates (Co-PI)(2007-08).
- Department of Education: Graduate Assistance in the Areas of National Need (Co-PI)(2007-2010)
- Natural Sciences and Engineering Research Council of Canada (2003-2005).

ADVISING:

Post Doctoral: Y. Mimura (2003-); J. Dent (2005-2006)

Doctoral: Supervisor (chair of the Ph.D. committee): S. Campbell, A. Krislock, Co-Supervisor A. Gurrola (jointly with Prof. Kamon)

Undergraduate: P. Simeon (Goldwater scholar, graduated), Phuongmai Truong

SPEAKER AT MAJOR CONFERENCES, UNIVERSITIES AND SUMMER SCHOOL

1. Plenary speaker at B-L violation workshop, LBNL (2007).
2. Plenary speaker at Supersymmetry, Karlsruhe, Germany (2007).
3. Plenary speaker at Dark Side of the Universe, Minnesota (2007).
4. Plenary speaker at the Midwest Theory Conference, Kansas (2007).
5. Speaker at the DPF'06, Hawaii, US Oct(2006).
6. Speaker at the ICHEP'06, Moscow, Russia July(2006).
7. Plenary speaker at the CDMSCE'06, Irvine, June(2006).
8. Plenary Speaker at the PHENO'06, Wisconsin, May(2006).
9. Seminar and Colloquium Speaker at OSU, April(2006).
10. Speaker at the DM'06, (UCLA Symposium), February(2006).
11. Speaker at the SUSY'05, Durham, UK, July(2005).
12. Seminar Speaker at UC Riverside, CA, April(2005).

13. Speaker at the ILC Workshop, Stanford University, SLAC, Stanford, CA, January(2005).
14. Speaker at the Miami, 2004, December(2004).
15. Speaker and Session chair at the DARK, 2004, October(2004).
16. Speaker at the PASCOS, 2004 (Boston), August(2004).
17. Speaker at the LC Workshop, 2004 (Victoria), July(2004).
18. Speaker at the CAP Congress, 2004 (Winnipeg), June(2004).
19. Speaker at the Dark Matter 2004 (UCLA Symposium), February(2004).
20. Speaker at the 2004 Winter Workshop, SLAC, January(2004).
21. Speaker at the Coral Gables Conference, Florida, December(2003).
22. Speaker at the LC Workshop, Cornell University, Ithaca, NY, July(2003).
23. Speaker at the LC Workshop, Arlington, January(2003).
24. Speaker at the Coral Gables Conference, Florida, December(2002).
25. Speaker and Session chair at the Cosmo 02, Chicago, (September'2002).
26. Speaker at the Ist String-phenomenology Conference, Oxford, (July'2002).
27. Colloquium speaker at the University of Regina, Regina, CA (Spring'2002).
28. Seminar speaker at the University of Regina, Regina, CA (Spring'2002).
29. Invited speaker at Dark Matter 2002, UCLA, CA, February, 2002 (Invited Talk presented).
30. Seminar speaker at the University of Alabama, Tuscaloosa, AL (Spring'2002).
31. Colloquium speaker at the Texas A & M University, College Station, TX (Spring'2002).
32. Speaker at the LC Workshop at the University of Chicago, January, 2002.
33. Invited speaker at the Coral Gables at Fourt Lauderdale, Fl, December, 2001.
34. EDM 2001 at BNL, NY, May, 2001 (Invited Talk presented).
35. Colloquium speaker at the Texas A & M University, College Station, TX (Spring'2001).
36. Seminar speaker at the University of Indiana, Bloomington, IN (Spring'2001).
37. Invited speaker at the Orbis Scientae 2000 at Fourt Lauderdale, Fl, December, 2000.
38. Speaker at the DPF 2000 at Columbus, Oh, August, 2000.
39. Speaker at the SUSY 99, Fermilab, IL, June, 1999.
40. Speaker at the Final RUN II Workshop, Fermilab, IL, November, 1998.
41. Seminar speaker at the Southern Methodist University, Dallas, TX (Fall'98).

42. Seminar speaker at the University of Kansas, Lawrence, Kansas (Fall'98).
43. Seminar speaker at the University of Colorado, Boulder, Colorado (Fall'98).
44. Speaker at the Pascos 98, Northeastern University, Boston, MA, April 1998.
45. Speaker at the RUN II Workshop, Fermilab, IL, May, 1998.
46. Speaker at the International Symposium in High Energy Phenomenology, Madison, Wisconsin, April 1997.
47. Speaker at the DPF meeting at Univ. of Minnesota, 1996.
48. SUSY 96 at Univ. of Maryland, 1996.
49. Speaker at the BSMIV at Lake Tahoe, CA, 1994.
50. Speaker at the DPF meeting at Albuquerque, New Mexico, 1994.
51. Participant of TASI Summer School (1994).
52. Speaker at the International Symposium: *Physics Does Not Stop, Recent Development in High Energy Phenomenology* , Madison, Wisconsin, April 1994.
53. Participant of TASI Summer School (1993).

VISITING SCIENTIST :

1. Brookhaven National Laboratory NewYork, Summer, 1998.
2. Fermi National Accelerator Laboratory, Batavia, Illinois, Summer, 1998.
3. Stanford Linear Accelerator Lab, Summer, 1997.
4. Stanford Linear Accelerator Lab, Summer, 1995.
5. University of Illinois at Urbana-Champaign, Fall, 1994.
6. Brookhaven National Laboratory NewYork, Summer, 1994.
7. Fermi National Accelerator Laboratory, Batavia, Illinois, Summer, 1994.
8. Fermi National Accelerator Laboratory, Batavia, Illinois, Summer, 1992.

TEACHING :

Weak Scale Spersymmetry (Spring, 2007)[Graduate]; Quantum Field theory (Fall, 2006)[Graduate], Methods of Theoretical Physics (Spring, 2006)[Graduate], Electricity and Magnetism (Fall, 2005)[Undergraduate], Mathematical Physics (Spring, 2005)[Undergraduate], Quantum Mechanics (Spring 2005)[Graduate], Classical Mechanics (Fall 2004, Spring 2003)[Graduate], Cosmology and General Relativity (Spring 2004)[Undergraduate].