

Publications

CDF Author since July 2005.

CDF Publications with significant contributions :

- “Search for Supersymmetry in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV using the Trilepton Signature of Chargino-Neutralino Production”, *Phys.Rev.Lett* **101** , 251801 (2008)
- “Search for Chargino-Neutralino Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV”, *Phys.Rev.Lett.* **99** , 191806 (2007)

Other Publications

- **Sourabh Dube**, Julian Glatzer, Sunil Somalwar, Alexander Sood, “Interpretation of Tevatron SUSY trilepton results in mSUGRA and in a model-independent fashion”, [arXiv:0808.1605](https://arxiv.org/abs/0808.1605) [hep-ph]

Selected Invited Talks

- “Search for Supersymmetry at CDF using Trileptons,” Research Progress Meeting, Lawrence Berkeley Laboratory, December 2008
- “Search for Supersymmetry at CDF using Trileptons,” HEP seminar
Ohio State University, December 2008
University of Massachusetts, Amherst, November 2008
University of Rochester, October 2008
University of Pennsylvania, August 2008
Brookhaven National Laboratory, May 2008

- “Search for Chargino-Neutralino at the Tevatron,” The 16th International Conference on Supersymmetry and the Unification of Fundamental Interactions (SUSY08), Seoul, Korea, June 2008
- “Search for Supersymmetry using the trilepton signature,” The 2008 Phenomenology Symposium (PHENO 08) Madison, Wisconsin, April 2008
- “Searches for New Physics in Lepton Final States,” The XLIIIrd Rencontres de Moriond for Electroweak Interactions and Unified Theories (Moriond EW 2008) La Thuile, Italy, March 2008
- “Search for Supersymmetry at CDF using Trileptons,” Joint Experimental-Theoretical Seminar (Wine & Cheese Seminar) Fermilab, Batavia, February 2008
- “Inward Bound: Experimental High Energy Physics,” Fergusson-Astroclub Seminar, Fergusson College, Pune, India, July 2006

Relevant Activities

Completed 'Inter-University Diploma in Scientific Computing and Applications', at Dept. of Computer Science, Fergusson College, Pune. (2000)

Participated in Young Astronomer's meet 2000, at Inter-University Centre for Astronomy and AstroPhysics (IUCAA), Pune.

Co-organizer of exhibitions 'Apollo missions to the Moon' (1998) and 'Missions to Mars' (1999) at Dept. of Physics, Fergusson College