

Refereed Publications

1. L. Covi, M. Grefe, A. Ibarra, and D. Tran, “*Unstable Gravitino Dark Matter and Neutrino Flux*,” JCAP **0901** (2009) 029 [arXiv:0809.5030 [hep-ph]]
2. L. Covi, M. Grefe, A. Ibarra, and D. Tran, “*Neutrino Signals from Dark Matter Decay*,” JCAP **1004** (2010) 017 [arXiv:0912.3521 [hep-ph]]

Conference Proceedings

1. M. Grefe, “*Indirect searches for gravitino dark matter*,” TAUP 2011, München, Germany, 5–9 September 2011, J. Phys. Conf. Ser. **375** (2012) 012035 [arXiv:1111.7117 [hep-ph]]

Theses

1. M. Grefe, “*Neutrino Signals from Gravitino Dark Matter with Broken R-Parity*,” DESY-THESIS-2008-043 [arXiv:1111.6041 [hep-ph]] (Diploma thesis)
2. M. Grefe, “*Unstable Gravitino Dark Matter – Prospects for Indirect and Direct Detection*,” DESY-THESIS-2011-039 [arXiv:1111.6779 [hep-ph]] (Doctoral thesis)

Ongoing Projects

1. T. Delahaye and M. Grefe, “*Cosmic-Ray Limits on Decaying Gravitino Dark Matter*” (working title, in preparation)
2. T. Delahaye and M. Grefe, “*Antideuterons from Decaying Gravitino Dark Matter*” (working title, in preparation)
3. G. A. Gómez-Vargas, M. Grefe, C. Muñoz, and C. Weniger “*Searching for sub-GeV Gamma-Ray Lines from $\mu\nu$ SSM Gravitino Dark Matter with Fermi-LAT Data*” (working title, in preparation)
4. S. K. Agarwalla and M. Grefe, “*Signals from Decaying Dark Matter in Neutrino Experiments*” (working title)
5. M. Grefe and R. A. Lineros, “*Radio Signals from Decaying Gravitino Dark Matter*” (working title)
6. L. Covi and M. Grefe, “*Gravitino Dark Matter and Direct Detection Experiments*” (working title)