Contribution ID: **75** Type: **Parallel Sessions**

Dark Matter Searches with the Fermi Large Area Telescope

Saturday 7 July 2012 12:45 (20 minutes)

Can we learn about New Physics with astronomical and astro-particle data?
Since its launch in the 2008, the Large Area Telescope, onboard of the Fermi Gamma-ray Space Telescope, has detected the largest amount of gamma rays in the 20MeV 300GeV energy range and electrons + positrons in the 7 GeV- 1 TeV range. This impressive statistics allows one to perform a very sensitive indirect experimental search for dark matter. I will present the latest results on these searches and the comparison with LHC searches.

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Session Classification: Room 216 - Particle Astrophysics and Cosmology -TR11

Track Classification: Track 11. Particle Astrophysics and Cosmology