

This contribution presents the new release of the fourth catalog of LAT detected sources, based on 12 years of data and discusses the nature of the unassociated gamma-ray sources.

The FGL catalogs, updated on a bi-yearly basis, provide the most comprehensive view of the high-energy sky.

We have detected and characterized about 900 new sources relative to the latest release and 1600 relative to the initial 4FGL catalog (8 years of data), with updated spectral and variability parameters for the whole set.

Only 43% sources of the new sources are associated. We show that distinctive features of many of the Galactic unassociated sources set them apart from known classes of gamma-ray emitters.