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Indirect searches for dark matter in the gamma-ray sky with the Fermi LAT status and prospects

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Indirect dark matter (DM) searches rely on detection of stable by-products of DM interactions to search for a signal of this elusive component of the Universe. Among these final products, gamma rays have recently played a major role in understanding the nature of the DM particle. This contribution reviews the current status of indirect DM searches with the Large Area Telescope, the main instrument on board the Fermi gamma-ray space telescope. In the absence of any conclusive DM signal, Fermi provides some of the most constraining DM limits obtained so far. Some prospects with future data and/or instruments will also be presented.

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