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## Fermi LAT recent results on AGNs

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During the last years our knowledge of Active Galactic Nuclei (AGNs) in the gamma-ray band has received a huge boost mainly due to the advent of a new generation of satellite instruments, such as the Fermi Large Area Telescope (LAT) and AGILE. Besides incrementing tremendously the number of gamma-ray detected objects and opening the window to the discovery of unexpected source classes, the new facilities allowed the detailed study of the Spectral Energy Distributions of AGNs, especially in the still less explored MeV-GeV energy range.

In this talk I will review some of the most interesting and recent Fermi LAT results on AGNs, some of which have strongly put into question theoretical assumptions and predictions on the jet physics and emission mechanisms of these objects. Moreover I will illustrate progresses on other astrophysical grounds related to AGNs that have directly benefit from such science return, among all the study of Extragalactic Background Light, Extragalactic Gamma-ray Background and Intergalactic Magnetic Field.

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