SciNeGHE 2016 High-energy gamma-ray experiments at the dawn of gravitational wave astronomy



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Observations of Galactic cosmic ray accelerators in the gamma-ray sky with Fermi-LAT

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The Fermi Large Area Telescope (LAT) has been exploring the gamma-ray sky for more than eight years, observing many powerful events happening in our Galaxy, in a range of energies from less than one hundred MeV up to few TeV. It provides essential information on the physical processes occurring at the source, involving both leptons and hadrons, in order to understand the mechanisms responsible for the acceleration of these particle populations.

I will give a review of the latest results from Fermi-LAT observations of Galactic objects, in particular about Supernova Remnants (SNRs) and Pulsar Wind Nebulae (PWNe).

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