

Prospects for the detection of high-energy gamma rays from extended sources

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Very high energy astrophysics has got a boost in the recent years driven by the development of new observational facilities such as LHAASO, which started observing in the last few years, and CTAO and ASTRI-MiniArray, which are under construction. A key question that these instruments plan to address is the identification of hadronic PeVatrons, namely the most powerful particle accelerators in the Galaxy. In my talk I will overview the main Galactic gamma-ray sources, and give the prospects for detections of these, with a special focus on the performance of the next generation detectors towards morphological and spectroscopical studies.

sessioni congresso

Astrofisica relativistica e particellare

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