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Recent results on dark matter search with the Fermi-LAT

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High-energy gamma rays are one of the most promising ways to constrain or reveal the nature of dark matter. Through the first five years of the Fermi-LAT mission we have witnessed an exciting progress in this respect, with constraints on the dark matter cross section to various particle channels moving well into the theoretically motivated region of the parameter space and several hints of detection being scrutinized. I will present an overview of the recent Fermi-LAT dark matter results, putting them in the broader context of the related astrophysical observations and discussing the prospects for near-term improvements.

Summary

I will present an overview of the recent Fermi-LAT dark matter results, putting them in the broader context of the related astrophysical observations and discussing the prospects for near-term improvements.

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