

The Status and Future of Gamma-ray Astronomy

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Abstract: From its conception gamma-ray astronomy has been seen as a powerful tool for the study of cosmic ray sources and propagation in our galaxy and beyond. Recently, tremendous progress has been made in this regard using the satellite-based Fermi Large Area Telescope and AGILE, and with the ground-based Cherenkov telescopes arrays. In this talk I will discuss the major advances made using these instruments over the past two years and also the prospects for this field in the years to come. I will focus on those aspects of gamma-ray astronomy most closely linked to cosmic ray studies.

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