

Diffuse Galactic continuum gamma rays

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I will describe current work on the diffuse Galactic γ -ray continuum emission. Despite much progress in this field there are still many open questions regarding the interpretation of this radiation. Topics to be discussed include the >1 GeV excess observed by EGRET, the nature of the emission in the MeV range observed by COMPTEL, the role of inverse-Compton emission, and the halo contribution to high-latitude γ -rays. Emphasis will be placed on the link with cosmic-ray physics, and the implications for cosmic-ray nuclear and electron components will be examined.