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The Fermi view of the Galactic diffuse gamma-ray emission

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In our pursuit of understanding the origins and mechanisms of Galactic cosmic rays, diffuse gamma-ray emission serves as a vital indirect probe of cosmic ray propagation within the Milky Way. This presentation will provide an overview of the diffuse gamma-ray emissions observed by the Fermi Large Area Telescope (Fermi-LAT), emphasizing the intricate connections with cosmic ray interaction and propagation through the interstellar medium.

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