

Origin of High-energy Galactic Cosmic Rays: Implication from Recent Ultrahigh-energy Gamma-ray Observations

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Observations of gamma-ray emission with energy above 100 TeV is a useful probe of the long-sought PeV cosmic-ray sources. In this talk, I will briefly review recent observations by the LHAASO, HAWC and AS-gamma experiments on sources and diffusive emission with energy above 100 TeV, and then discuss their implications for the origin of high-energy Galactic cosmic rays.

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