

Gamma-ray Astronomy: a Unique Probe of the Universe

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Gamma-ray astronomy is challenging. The fluxes are low, and gamma-rays cannot be focused, leading to relatively poor angular resolution. Yet the scientific payoffs are considerable –gamma rays allow us to probe the Universe in a new way and have the potential to provide new insights into dark matter, quantum gravity, and more. This talk aims to provide an overview of gamma-ray astronomy from space and from the ground, and what future instruments such as CTA and SWGO may reveal.

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Session Classification: Talks