

Physics and Astrophysics from the Gamma-ray Large Area Space Telescope (GLAST)

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GLAST is a major space observatory planned for launch by NASA in May 2008. It will explore the GeV gamma ray region of the cosmic gamma ray spectrum with fifty times the effective sensitivity of previous facilities and help investigate gamma ray bursts. It is expected to make major discoveries involving black holes, neutron stars, cosmic rays and the sun. In addition, it has the capability to detect a signal from annihilating dark matter.