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Fermi Gamma-ray Space Telescope: First Year Highlights

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The Fermi Gamma-ray Space Telescope, formerly called GLAST, recently completed its first year of surveying the high-energy sky. Some key observations include: (1) Gamma-rays from pulsars appear to come from a region well above the surface of the neutron star; (2) Multiwavelength studies of blazars show that simple models of jet emission are not always adequate to explain what is seen; (3) Gamma-ray bursts can exhibit strong emission at high energies even from distant bursts; (4) Cosmic-ray electrons at energies approaching 1 TeV seem to suggest a local source for some of these particles.