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**Astrophysical transformations in 12 years of the Fermi Gamma-ray Space Telescope**

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In Fermi's first 12 years, the mission has changed our understanding of the physical processes going on in extreme objects throughout the Universe. The Fermi instruments observe the entire sky multiple times a day and cover orders of magnitude in energy, deepening the view over time and catching changes in the sky as they occur. Since its launch Fermi has discovered thousands of new sites of gamma-ray emission ranging from a variety of stellar explosions and remnants to emission from supermassive black holes and vast glowing regions of the Milky Way. Gamma-ray emission gives us a unique picture of dramatic astrophysical transformations. I'll share recent highlights from the dynamic gamma-ray sky and opportunities for the future.