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X-ray and Gamma-ray Detectors for Astrophysics

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Position Sensitive Detectors play a key role in X-ray and Gamma-ray Astronomy as they allow imaging and spectroscopy of astrophysical sources throughout the Universe. At these high energies, photons are generally characterized individually, requiring sensitive and rapid low-noise charge amplifiers to extract the information. In this review I will describe the detector technologies that are currently employed in this fields and outline the challenges and requirements for the future.

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