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## EIGER2 CdTe - Hybrid Photon Counting for a wide range of X-ray energies

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Hybrid Photon Counting (HPC) allows for direct detection of X-rays in single-photon counting mode. HPC provides a number of benefits such as a sharp point-spread function, the absence of detector background, and outstanding dynamic range. High-Z sensors enable high quantum efficiencies for high X-ray energies and bring the benefits of HPC to hard X-ray applications. This presentation outlines the features and advantages of EIGER2 CdTe and shows examples of the benefits of HPC with CdTe sensors.

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