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## Silicon Based Direct Annihilation Detectors

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The AEGIS experiment, at the CERN Antiproton Decelerator, aims at measuring the gravitational fall of antihydrogen using a cold, pulsed antihydrogen beam. In the last year a symbiotic antiproton beamline has been commissioned for performing detector tests with low energy antiproton beams. We will present here the latest results obtained on this beamline employing a Timepix3 hybrid module. The detector space and time resolution make it particularly suited to detection of antimatter annihilation events. Montecarlo simulations will complement the presented results, hinting at future developments for the AEGIS silicon position sensitive detector.

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