

Abstract Submitted
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Cosmic Ray Induced Bit-Flipping Experiment¹ GE PU, Environmental Engineering, Drexel University, Philadelphia, PA, ED CALLAGHAN, MATTHEW PARSONS, Undergraduate Physics, Drexel University, Philadelphia, PA, CRIBFLEX TEAM — CRIBFLEX is a novel approach to mid-altitude observational particle physics intended to correlate the phenomena of semiconductor bit-flipping with cosmic ray activity. Here a weather balloon carries a Geiger counter and DRAM memory to various altitudes; the data collected will contribute to the development of memory device protection. We present current progress toward initial flight and data acquisition.

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