

Abstract Submitted  
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**Dark Matter Search Results from the Silicon Detectors of the Cryogenic Dark Matter Search Experiment** KEVIN MCCARTHY, MIT, CDMSII/SUPERCDCMS COLLABORATION — Weakly Interacting Massive Particles (WIMPs) are a class of new particles hypothesized to be components of the dark matter content of the universe. We report new results from the final data set of the Cryogenic Dark Matter Search experiment (CDMSII), an experiment designed to detect the elastic scattering of WIMPs off of Ge or Si detectors. Eleven silicon particle detectors, each with a mass of  $\sim 106$  grams, were deployed in the final runs of the CDMSII experiment for a total WIMP exposure of 132.39 kg-days after data quality cuts. We will present the results of a blind WIMP search analysis of this Si exposure.

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