Abstract Submitted
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The Cryogenic Dark Matter Search XINJIE QIU, University of Minnesota, CDMS COLLABORATION — The Cryogenic Dark Matter Search (CDMS) uses low-temperature detectors to seek weakly interacting massive particles (WIMPs) via their interactions with nuclei, while discriminating against interactions of background particles. The first two runs of the CDMS II experiment at the Soudan Underground Lab provided the world's best sensitivity to WIMP dark matter. After a brief summary of theoretical and experimental evidence for WIMP dark matter, we will present an overview of the CDMS experiment and a summary of the most recent results of CDMS II experiment. This talk will be the first of a sequence of four from CDMS.

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