

Abstract Submitted  
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**Looking for Dark Matter with the CDMS Detectors** MARK KOS,  
Syracuse University, CDMS COLLABORATION — The Cryogenic Dark Matter  
Search (CDMS) has the world's best sensitivity to Weakly Interacting Massive Par-  
ticle (WIMP) interactions. By independently measuring phonon and ionization en-  
ergy, CDMS distinguishes electromagnetic backgrounds from possible WIMP nuclear  
recoil events. CDMS consists of five towers of Ge and Si detectors. Recently a Su-  
perTower has been installed with larger Ge detectors and improved phonon readout.  
I will present the experiment's most recent results and discuss operation of the new  
detectors.

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