

Abstract Submitted  
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**The DRIFT Directional Dark Matter Detector**<sup>1</sup> ERIC MILLER,  
University of New Mexico, DRIFT COLLABORATION — The DRIFT dark matter  
detector is a 1 cubic meter scale TPC with direction sensitivity to WIMP recoils  
operating in the Boulby Mine in England. The directional sensitivity allows DRIFT  
to detect the sidereal modulation of the WIMP recoils and provide an unambiguous  
confirmation of a dark matter interaction. We present current limits from DRIFT  
and provide a brief update on background reduction efforts.

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