

The DRIFT Directional Dark Matter Detector

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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 recent R&D progress which significantly reduces our remaining backgrounds.

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