

Abstract Submitted  
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**Detector Characterization for the Majorana Demonstrator<sup>1</sup>**

THOMAS GILLISS, University of North Carolina at Chapel Hill, MAJORANA COLLABORATION — The MAJORANA DEMONSTRATOR (MJD) is a neutrinoless double-beta decay ( $0\nu\beta\beta$ ) search, in the isotope  $^{76}\text{Ge}$ . Seeking measurement of the  $0\nu\beta\beta$  lifetime, and exploration of additional physics, MJD employs high-purity Ge detectors possessing superior energy resolution down to a low threshold. Characterization of these p-type point contact detectors is essential to understanding the backgrounds and sensitivity of the experiment. Progress in characterizing MJD detectors will be presented.

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