

Abstract Submitted
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The EXO-200 Liquid Xenon Time Projection Chamber SIMON SLUTSKY, University of Maryland, ENRICHED XENON OBSERVATORY COLLABORATION — The Enriched Xenon Observatory (EXO) is an experimental program to search for neutrinoless double beta decay in ^{136}Xe . The first EXO experiment, EXO-200, consists of a time projection chamber (TPC) filled with 200 kg of liquid xenon. In this way, the xenon is both the source and the ionized/scintillating medium needed for the TPC. The detector is installed 2250 feet underground at the WIPP facility in Carlsbad, NM, and is currently taking data. I will discuss the design and operation of the detector.

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