

Abstract Submitted
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Monte Carlo studies of ARA detector optimization JESSICA STOCKHAM, University of Kansas, ASKARYAN RADIO ARRAY (ARA) COLLABORATION — The Askaryan Radio Array (ARA) is a neutrino detector deployed in the Antarctic ice sheet near the South Pole. The array is designed to detect ultra high energy neutrinos in the range of 0.1-10 EeV. Detector optimization is studied using Monte Carlo simulations.

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