

Abstract Submitted
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The Nano-HAWC Engineering Array JOHN PRETZ¹, Los Alamos National Lab, HAWC COLLABORATION — The High Altitude Water Cherenkov (HAWC) experiment is the proposed second-generation of the Milagro experiment and will utilize 900 Photo-multiplier Tubes deployed in tanks of water a high altitude. The experiment will be sensitive to TeV extensive air showers induced by high-energy particle interactions in the atmosphere. As a first step in the development of the HAWC array, a small engineering array named nano-HAWC, is being deployed at the HAWC site at the Sierra Negra mountain in Mexico. This modest array will consist of a few tanks and a simple data-acquisition system, demonstrating the viability of the HAWC site and providing a vehicle to test technologies for HAWC. I will describe the development of the HAWC site and the report on the status of the construction of the nano-HAWC array.

¹For the HAWC Collaboration

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