

Abstract Submitted
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Prospects for GRB detection with the HAWC scaler system ANDREAS TEPE, IGNACIO TABOADA, Georgia Institute of Technology, HAWC COLLABORATION — HAWC, the High Altitude Water Cherenkov observatory, is a high energy cosmic gamma-ray detector. It is currently under construction at Sierra Negra in Mexico. Due to its very high duty cycle, the large effective area and extended sky coverage, HAWC is an ideal detector for transient gamma-ray emission. Gamma-ray burst (GRB) spectra are well known up to GeV energies. The HAWC scaler DAQ has a significant effective area down to 10GeV and is an excellent complementary system to existing detectors. This talk will demonstrate the prospects of the HAWC detector to detect GRBs and evaluate spectral their parameters at high energies.

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