

Abstract Submitted  
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**Observing Gamma-Ray Sources along the Galactic Plane with HAWC** HUGO AYALA, Michigan Technological Univ, HAWC COLLABORATION — The High Altitude Water Cherenkov (HAWC) observatory is located in Sierra Negra, Mexico at 4100 m above sea level and will be inaugurated in March 2015. It is an array of 300 water Cherenkov detectors each containing 4 photomultiplier tubes that detect the Cherenkov light in the water produced by the secondary particles from extensive air showers. The design allows to measure high-energy gamma rays in the energy range of 100 GeV to 100 TeV. Science of the partial array has already started in 2013. Preliminary gamma-ray sky maps have been produced. The strongest features of these maps are located on the galactic plane as expected. Some event excesses are collocated with known TeVCat source while there are also previously undetected features. I will present preliminary results of the analysis of gamma-ray sources along the galactic plane.

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