

A survey of active galaxies at TeV photon energies with the HAWC γ -ray observatory – A. Carramiñana¹, D. Rosa González¹, A.L. Longinotti², F. Ureña¹, S. Coutiño de León¹ for the HAWC Collaboration.

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- * A study of AGN in the Fermi-LAT 3FHL catalog within the field of view of HAWC ($|\delta - 19^\circ| < 40^\circ$) and $z < 0.3 \Rightarrow 138$ AGN (117 of them BL Lac).
- * Maximum likelihood analysis of 1523 day HAWC dataset; power-law \times EBL model.
- * High significance detections of Mrk 421 and Mrk 501; low significance evidence for M87, 1ES 1215+303 and VER J0521+211; upper limits for the whole sample.
- * Evidence for long-term emission of known VHE sources (excluding Mrk 421 and Mrk 501).

