



Contribution ID: **18**

Type: **Oral**

Monitoring the TeV sky with HAWC

Friday, September 21, 2018 9:00 AM (30 minutes)

The High-Altitude Water Cherenkov (HAWC) observatory is a wide field-of-view instrument under operations since March 2015 and located in the state of Puebla, México. HAWC observes two thirds of the sky daily at energies between 0.1 and 100 TeV with a duty cycle greater than 95%. This capability allows us to monitor unbiasedly known sources as the Mrk 421 blazar, to search blindly for transient sources as GRBs and flares from balzars and to follow up on external alerts as gravitational waves from LIGO, neutrino from Ice Cube and GRBs from satellite detectors. In this talk, highlights from our on-going monitoring program will be presented.

Author: Dr GONZALEZ, Maria Magdalena (Universidad Nacional Autonoma de Mexico)

Presenter: Dr GONZALEZ, Maria Magdalena (Universidad Nacional Autonoma de Mexico)

Session Classification: Gamma-Ray