

Second Gravi-Gamma Workshop



ID contributo: 23

Tipo: **Invited**

The High Altitude Water Cherenkov (HAWC) telescope and its Synergy with Fermi

giovedì 24 giugno 2021 16:50 (25 minuti)

The HAWC observatory has been taking continuous high-statistics measurements of TeV gamma rays and cosmic rays from two-thirds of the sky since commencing full operations in 2015. With its wide-angle survey capability, and a sensitivity to photon energies reaching over 100 TeV, HAWC is advancing studies of a diverse set of sources in the galactic plane, pushing the search for dark matter and physics beyond the Standard Model to unprecedented regimes, participating in a rapid, multi-wavelength and multi-messenger followup program for transient objects.

I will present highlights from the first five years of HAWC measurements that are highly complementary to those of the Fermi LAT telescope, highlighting the role of wide-angle surveys in the era of multi messenger astronomy.

Email

nikomo@stanford.edu

Autore principale: Dr. OMODEI, Nicola (Stanford University)

Relatore: Dr. OMODEI, Nicola (Stanford University)

Classifica Sessioni: Multi-messenger science potential with current and future detectors