



Contribution ID: 780

Type: **Oral contribution**

AGN observations with a 100 GeV threshold using H.E.S.S. II

Tuesday, August 4, 2015 3:45 PM (15 minutes)

The recent addition of the 28 m Cherenkov telescope (CT5) to the H.E.S.S. array extended the experiment's sensitivity towards low energies. The lowest energy threshold is obtained using monoscopic observations with CT5, providing access to gamma-ray energies below 100 GeV. This is particularly beneficial for studies of Active Galactic Nuclei (AGN) with soft spectra and located at redshifts $>\approx 0.5$. We report on the first analysis employing the CT5 data for AGN observations with a < 100 GeV threshold. In particular, the spectra of PKS 2155-304 and PG 1553+113 are presented.

Collaboration

H.E.S.S.

Registration number following "ICRC2015-I"

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Primary author: ZABOROV, Dmitry (LLR - Ecole Polytechnique)

Co-authors: TAYLOR, Andrew (Dublin Institute for Advanced Studies); ROMOLI, Carlo (Dublin Institute for Advanced Studies); PARSONS, Daniel (Max-Planck-Institut für Kernphysik, Heidelberg); SANCHEZ, David (LAPP, Université Savoie Mont-Blanc); LENAIN, Jean-Philippe (LPNHE (CNRS/IN2P3)); HERVET, Olivier (LUTH, Observatoire de Paris)

Presenter: ZABOROV, Dmitry (LLR - Ecole Polytechnique)

Session Classification: Parallel GA16 H.E.S.S.

Track Classification: GA-EX