Contribution ID: **126** Type: **Poster Contributions**

The spectrum of the core of Centaurus A as seen by H.E.S.S. and Fermi

Wednesday, September 14, 2016 5:05 PM (15 minutes)

Cen A is the nearest radio-galaxy detected as a VHE gamma-ray source. Discovered by the H.E.S.S. telescopes in Namibia, Cen A is a faint VHE gamma-ray emitter, and the flux derived from the H.E.S.S. data is much higher than that expected from a single zone SSC model which adequately describes the emission from Cen A at lower frequencies. New observations with H.E.S.S. were performed to clarify the spectral characteristics of the VHE emission from the core of Cen A. We report the results of the analysis of the complete H.E.S.S. dataset with a live-time which is two times longer than the previously published one and an update of the Cen A spectrum obtained with Fermi-LAT at GeV energies.

Summary

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Session Classification: Poster Session (coffee at 15:00) & CERN Visit

Track Classification: Gamma-ray astrophysics