



Contribution ID: 26

Type: **not specified**

The H.E.S.S. Survey in the context of Galactic cosmic ray searches

Friday 23 January 2015 09:20 (40 minutes)

The H.E.S.S. Galactic Plane Survey was an ambitious observational program which spanned a period of over 10 years, finishing just recently in 2013. The rich data set accumulated covers nearly the entire Galactic plane visible from Namibia; has an unprecedented, deep sensitivity; and features an energy coverage and angular resolution which is well suited for the search for sources of Galactic cosmic rays. This talk will present the H.E.S.S. Survey from a perspective of that complex, elusive, and on-going search, highlighting some very recent discoveries which are helping to guide the way in the near future. A summary of the latest results from the upgraded H.E.S.S.-II array will also be given.

Presenter: Dr CHAVES, Ryan (Laboratoire Univers et Particules de Montpellier)

Session Classification: The galaxy in gamma rays