



Contribution ID: 297

Type: **Poster contribution**

Cosmic ray intensity variations in the 24th solar cycle observed by LAAS experiments

Saturday, 1 August 2015 15:30 (1 hour)

In Large Area Air Shower experiments, one of EAS arrays is deployed on the second floor of four stories building in the campus of Okayama University of Science to limit the zenith angle acceptance of muon detection. This system provide EAS muon intensities from zenith solid angles. To compare these intensities with solar activities such as flares, CME and magnetic-storms, LAAS data have been analyzed. Faster data acquisition with Ha/CaK solar telescope have also been carried out. In this presentation, cosmic ray variations for four years since 2011 are going to be reported as well as fast image data.

Collaboration

– not specified –

Registration number following "ICRC2015-I"

299

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Session Classification: Poster 2 SH

Track Classification: SH-EX