



Contribution ID : 717

Type : **Poster**

Online monitoring for the fluorescence telescopes of the Pierre Auger Observatory

Friday, 6 July 2007 14:45 (0:00)

Abstract content

A new tool monitoring the status of the fluorescence telescopes has been developed to guarantee smooth operation of all detector components during data taking. Monitoring data from FD telescopes are collected online regularly during data acquisition as well as in dedicated modes such as calibration. They are stored locally in databases that are replicated on a dedicated central server. A web interface implemented on a this server can dynamically generate graphs and specialised visualisations, which are accessible locally for the shift crew as well as remotely from anywhere in the world. An alarm warning is triggered automatically in case of predefined conditions which require immediate action. This tool also provides the ability to monitor the long term stability of key quantities and data quality. The concept and its implementation are presented.

If this papers is presented for a collaboration, please specify the collaboration

The Pierre Auger Collaboration

Summary

Reference

Proceedings of the 30th International Cosmic Ray Conference; Rogelio Caballero, Juan Carlos D'Olive, Gustavo Medina-Tanco, Lukas Nellen, Federico A. Sánchez, José F. Valdés-Galicia (eds.); Universidad Nacional Autónoma de México, Mexico City, Mexico, 2008; Vol. 5 (HE part 2), pages 993-996

Primary author(s) : THE PIERRE AUGER COLLABORATION, - (Pierre Auger Observatory); Dr. RAUTENBERG, Julian (University of Wuppertal)

Presenter(s) : Prof. KAMPERT, Karl-Heinz (Universität Wuppertal)

Session Classification : Posters 2 + Coffee

Track Classification : HE.1.5