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The Universal Particle Detector at Mountain Level

Abstract content

The Detector is aimed to perform long-term measurements of neutral and charged particle fluxes at mountain level. Very fast EM/H calorimeter combined with fast EAS detectors allows precise particle arrival time registration with about 5 ns accuracy. Offline analysis gives a possibility to investigate time shift between high energy neutral/charged particle and EAS particles. Together with various types of neutron counters, the system allows to observe possible correlations between Cosmic Rays and many different processes inside the Earth and beyond.

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

Summary

Reference

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