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ACORDE, a cosmic ray detector for ALICE

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Abstract content

ACORDE (ALICE cosmic ray detector) is one of the ALICE detectors, presently in construction. It will consist of an array of plastic scintillator counters placed on the three upper faces of the magnet. This array will act as the cosmic ray trigger for ALICE calibration, as well as multiple muon trigger to study high energy cosmic rays. ACORDE, together with other ALICE subdetectors, will provide precise information on cosmic rays with primary energies around $10^{15} - 10^{17}$ eV. Here we present the status of the installation and commissioning of the whole ACORDE system, including its readout electronics, detector control system, DAQ and offline software.

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

Summary

Reference

Proceedings of the 30th International Cosmic Ray Conference; Rogelio Caballero, Juan Carlos D'Olivo, 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 1201-1204

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