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A High Resolution MultiAnode Photomultiplier Camera for the Track Imaging Cerenkov Experiment

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Abstract content

The Track Imaging Cerenkov Experiment (TrICE) is an air Cerenkov telescope designed to use multi-anode photomultipliers to achieve a high angular resolution for measuring cosmic-ray composition at TeV-PeV energies. The TrICE camera, composed of 16 Hamamatsu R8900 16-channel multi-anode photomultiplier tubes achieves 0.086 degree pixel spacing over 1.5 degree field of view. We present a description of the TrICE camera design, calibration and performance.

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

TrICE

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. 2 (OG part 1), pages 469-472

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