# **30th International Cosmic Ray Conference**



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# **Expected Performance of CALET**

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### Abstract content

As described in a paper (S.Torii et al) of this conference, CALET is a versatile detector for exploring high energy universe by observing gamma rays (>20 MeV), electrons (>GeV) and other charged particles (>100GeV). It is planned to be on board the JEM (Japanese Experiment Module, Kibo) of the International Space Station. We study its basic performance by M.C simulations. They are: detection efficiency, energy resolution, particle identification capability (especially, distinguishability of gamma-rays, electrons and protons), angular resolution, effective solid angle, expected number of events etc.

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

CALET 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. 3 (OG part 2), pages 1433-1436

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