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# Search for Gamma Ray Bursts with the ARGO-YBJ detector.

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## Abstract content

ARGO-YBJ is a "full coverage" air shower detector consisting of a 6700 mˆ2 carpet of Resistive Plate Chambers, located at Yangbajing (Tibet, P.R. China, 4300 m a.s.l.). Its large field of view (˜2 sr) makes ARGO-YBJ particularly suitable to detect unpredictable and short duration events such as Gamma Ray Bursts. ARGO-YBJ can search for GRBs using two detection techniques: the "Scaler Mode", working in the GeV energy range, and the "Shower Mode", at energies above a few hundreds of GeV. The results of the search for emission from GRBs in coincidence with satellite detections are presented.

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

ARGO-YBJ

## 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 1163-1166

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