

Rapid Fermi-GBM GRB localization with BALROG

Through the use of the BALROG code's improved statistical treatment (<https://arxiv.org/abs/1610.07385> , <https://arxiv.org/abs/1902.01082>), it is now possible to achieve superior localization performance for the Gamma-ray Burst Monitor (GBM) on-board the Fermi space telescope. The code is currently being used to rapidly localize gamma-ray bursts (GRBs), which positions are then shared with the rest of the community through our website. The locations can then be used for follow-up observations by other instruments. The code is open source, available at <https://github.com/mpe-grb>.

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