

SHORT GAMMA-RAY FRONT AIR CHERENKOV EXPERIMENT

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Atmospheric Cherenkov Imaging Telescopes can be used to search for GeV γ -ray bursts with a very high sensitivity in the mostly unexplored time scale from $100ns$ to $10\mu s$. In this paper we review the motivations for this search and present the techniques being developed for the SGARFACE experiment which will be implemented on the Whipple telescope.