

## Very high energy emission from Gamma-Ray Bursts

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High energy radiation (0.1-100 GeV) from GRBs is regularly detected by Fermi-LAT in a sizable fraction of bright GRBs. The presence of emission at even higher energies instead has been discovered only recently, thanks to detections by the MAGIC and H.E.S.S. Cherenkov telescopes. These detections have shown that very high energy (VHE) emission up to at least 1 TeV can indeed be produced in these sources and have revealed the presence of a distinct emission component, carrying an energy comparable to the energy emitted in the lower frequency component. In this talk I give an overview on past observations and recent detections. I discuss the origin of the VHE emission and the implications on the understanding of the emission region. Finally, I comment on the prospects for future detections with CTA.

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