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## Gamma rays from M87\*

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M87\* is a particularly well-studied black-hole system, thanks to the wealth of spectral data and the ability to image its central region using VLBI techniques. We present a model of the broadband emission of this object, in which radiation from the millimetre to TeV range is explained by leptonic emission from the innermost accretion flow. The model is based on GRMHD simulations and takes into account the hybrid (thermal and non-thermal) electron energy distribution. After calibrating the model to reproduce mm-range measurements – in particular, the Event Horizon Telescope images – we determined the electron acceleration parameters capable of explaining the high-energy and very high-energy emission from the source.

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