

Abstract Submitted
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TeV Gamma Ray Astronomy and GLAST¹ ELLIOTT BLOOM²,
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RATION — The Large Area Telescope (LAT) on the Gamma-ray Large Area Space
Telescope (GLAST) will have sensitivity to gamma rays beyond 100 GeV, for the
first time providing a data set overlapping with the energy range of ground based
gamma ray instruments. The next generation of Imaging Atmospheric Cherenkov
Telescopes (IACTs), including MAGIC, HESS, and VERITAS, will therefore be
complemented by the GLAST survey dataset. The GLAST large field of view will
provide a survey of the high energy sky, providing the IACTs with a large number
of potential sources to observe. In addition, GLAST observations can be used to
cross-calibrate the IACT energy scale and flux measurements, potentially reducing
their systematic uncertainty. Together GLAST and IACTs will be able to probe
gamma ray spectra from 20 MeV to the multi - TeV regime.

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