

Fermi Summer School 2019



FISICA E GEOLOGIA Università degli Studi di Perugia, Italia

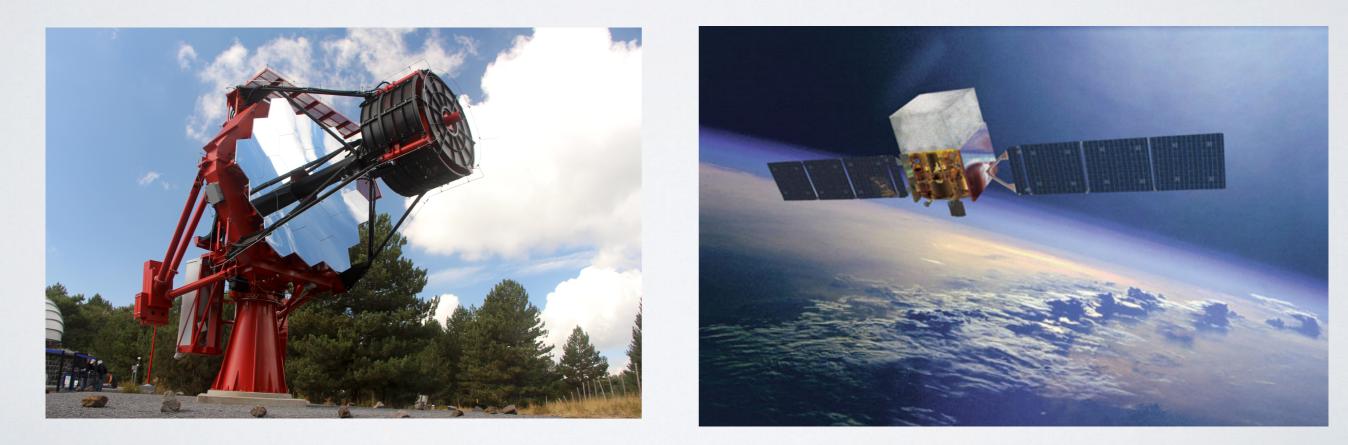
Study of the pgwave2D Fermi tool parameters for the Gravitational Wave follow-up with Fermi-LAT data

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- Master thesis discussed in September 2018: "Data analysis of the Cherenkov events taken during the commissioning phase of the CTA/ Astri telescope".
- Owner of a research grant (from March 2019): "Gamma-ray data analysis of Fermi satellite using the Large Area Telescope in the multi-messenger astrophysics context".
- Members of the Fermi-LAT collaboration since November 2018.



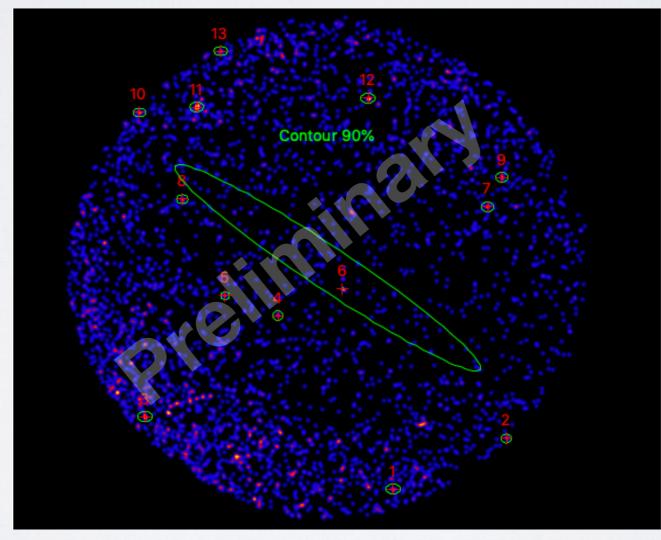
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- Currently working on the study of the <u>pgwave2D</u> Fermi tool parameters for the Gravitational Wave follow-up with Fermi-LAT data talk made at the first Gravi-Gamma wave workshop in Perugia (16-18 May 2019).
- We are making simulations with <u>gtobssim</u> tool to test the performances of the pgwave method in detecting transient sources in the LIGO/VIRGO contour.



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