

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

- **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.**



- Currently working on the study of the pgwave2D 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 gtobssim tool to test the performances of the pgwave method in detecting transient sources in the **LIGO/VIRGO** contour.

