

Searching for TeV-emitting candidates among the X-ray bright blazar population

mercoledì 18 dicembre 2024 12:10 (20)

The purpose of this work is to understand if, among the blazars not detected by Fermi-LAT, a population of TeV emitting sources could be detected by current or future Cherenkov telescopes. We cross-matched the 5BZCAT catalog of blazars with the most recent catalogs of point-like source, to determine if the X-ray emission can be used as an effective proxy to find and characterize candidate TeV-emitting blazars.

Primary author(s) : IULIANO, ANTONIO (INFN Sezione di Napoli); Dr. MARCHESI, Stefano (Università di Bologna)

Co-author(s) : Dr. DA VELA, Paolo (INAF OAS Bologna); Dr. DORO, Michele (INFN Sezione di Padova); Dr. PRANDINI, Elisa (INFN Sezione di Padova); Dr. MICELI, Davide (INFN Sezione di Padova); Dr. ZANIN, Roberta (CTAO gGmbH)

Presenter(s) : IULIANO, ANTONIO (INFN Sezione di Napoli)

Session Classification : Astro Physics & Particle

Track Classification : Astrophysics & Astroparticle Physics