



Contribution ID: 589

Type: **Poster**

Searching for TeV halos generated by MSPs with stacking analysis

In the past few years, extremely extended TeV radiation from middle-aged pulsars has been observed in multiple sources across several experiments. However, whether millisecond pulsars(MSPs) have the ability to produce TeV radiation remains an open question. The newly discovered source J0216+4237 by LHAASO is an example of an MSP that produces extended TeV radiation. In this research, we use stacking analysis to investigate the potential of MSPs to emit TeV signals.

Collaboration(s)

Author: ZHANG, Hongfei

Presenter: ZHANG, Hongfei

Session Classification: PO-2

Track Classification: Gamma-Ray Astrophysics