



- RAY ASTRONOMY 2019

Current Challenges and New Frontiers in the Next Decade

8-13 September 2019
CNR/INAF Research Area, Bologna, Italy

Contribution ID: 291

Type: **Poster**

Identifying Counterparts for the Pulsar-like Unidentified Hard Gamma-ray Objects

Friday, 13 September 2019 15:02 (2 minutes)

Using machine learning techniques, we have picked pulsar-like gamma-ray sources from the unidentified objects in the third Catalog of Hard Fermi LAT sources (3FHL). In order to further pinpoint their nature, we have performed a systematic search for the X-ray and optical/IR counterparts of these short-listed 3FHL sources.

Topic

Compact and diffuse sources in galaxies and in the Galactic Center

Affiliation

Department of Astronomy & Space Science Chungnam National University Daejeon, Korea (ROK)

Primary author: HUI, David C. Y.

Co-authors: LEE, Jongsu; KIM, Sangin; LI, K.L.; OH, Kwangmin; LUO, Shengda; LEUNG, Alex P.; TAKATA, J.; KONG, A.K.H.; CHENG, K.S.

Presenter: HUI, David C. Y.

Session Classification: POSTER SESSION