



# - RAY ASTRONOMY 2019

*Current Challenges and New Frontiers in the Next Decade*

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## 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.

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