

Proposal Abstract:

We propose to observe Globular Clusters (GCs) IC 1276, Pal 10, M 107, M 56 and NGC 6229 to search for pulsars. No pulsars have been discovered in these GCs up to now. However these GCs hold median mass and density level among all GCs with discovered pulsars. And previous study show a correlation between number of pulsars and GC density. Thus there are high possibilities to find pulsars in these pulsars. In order to take the advantage of high sensitivity of FAST, we propose to conduct a long tracking observation for each of these GCs.