

Proposal Abstract:

Based on the observations of PSR J1819+1305 by Arecibo radio telescope and PSR J2313+4253 by Jiamusi radio telescope, we found the phenomenon of periodic nulling, which is complementary to the explanation of the radiation mechanism of pulsars, and therefore we need more observations to further analyse the research. FAST is currently the most sensitive instrument in the L-band, which can provide better results for the observation data, and we hope to obtain a total of 2.72 hours of observation time.