

Proposal Abstract:

PSR 2338+4818, is the first pulsar discovered by FAST, with an orbital period of 95 days, exhibits scintillation effects. It is discovered at low frequencies, representing a rare class among known pulsars. However, we cannot obtain its phase-connection timing solution with all FAST archival data. Here, we propose follow-up observations of this pulsar with FAST to extend the timing baseline in order to obtain more accurate parameters of this binary system.