

Proposal Abstract:

We propose to carry out follow-up timing observations on 6 newly discovered CRAFTS pulsars using FAST radio telescope. The aim of this proposal is to study pulse-shape variability and pulse phenomena, such as timing noises, glitches, mode changing, nulling, and subpulse drifting. The correlation between the rotation irregularities and pulse phenomena will be examined. FAST will enable us to determine the timing residuals, accurate positions, and proper motions of our candidate pulsars.