Proposal Abstract:

We processed the archive data of FAST and found a new binary pulsar M92B, the number of pulsars in M92 is increased to two. M92B's dispersion measure (DM) is close to M92A, which further confirms that M92A and B are undoubtedly members of this cluster. However, due to the lack of FAST observations and low detection rate, it is difficult to obtain its preliminary orbit parameters. We know nothing about M92B, except for the spin period and DM. On the other hand, according to the previous and current pulsar number simulation, M92 should host more pulsars. We suggest that M92 should be observed several times for long observation to search for more pulsars and time the new pulsars M92B.