

Technical Page

Proposal Type: Long Term
 General Category: Pulsars
 Observation Category:
 Total Time Requested: 36 Hours

Proposal Title: Timing Observations of Two Pulsars Associated With Supernova Remnants
ABSTRACT:

A continuation of long-term timing measurements of two pulsars, PSR J0538+28 and PSR B1853+01, known to be associated with supernova remnants, is proposed. The goals of this project include monitoring of timing activity (glitch behavior), astrometry, and a study of dispersion measure variations. The Penn State Pulsar Machine (PSPM) will be used for data acquisition.

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Service Observing Request

- None
- All of the observing run.
- Part of the observing run.
- Queue Observing

Remote Observing Request

- No
- Maybe
- Yes

Instrument Setup

L-band 430 MHz CH receiver

Atmospheric Observation Instruments:

Description of Observer Equipment:

Special Equipment or setup: Special setup: Software needs: Media needs:

RFI Considerations

Frequency Ranges Planned

see proposal