

Technical Page

Proposal Type: Long Term
 General Category: Pulsars
 Observation Category:
 Total Time Requested: 30 Hours

Proposal Title: Follow-up timing observations of newly discovered pulsars

ABSTRACT:

This proposal seeks time to carry out a series of regular observations to establish timing solutions for nine pulsars discovered as a result of a recent 430 MHz drift scan search with the Arecibo telescope. We are requesting 30 hours of observing time over the course of 12 months. This should be sufficient to accurately determine astrometric and spin parameters of the neutron stars, as well as to determine the presence of any orbiting companions over this time interval. In addition, we hope to use part of the time to confirm a number of very promising pulsar candidates that have turned up during the analysis of recently collected data.

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Service Observing Request

Remote Observing Request

- | | |
|---|--|
| <input checked="" type="checkbox"/> None
<input type="checkbox"/> All of the observing run.
<input type="checkbox"/> Part of the observing run.
<input type="checkbox"/> Queue Observing | <input checked="" type="checkbox"/> No
<input type="checkbox"/> Maybe
<input type="checkbox"/> Yes |
|---|--|

Instrument Setup

L-band 430 MHz CH receiver

Atmospheric Observation Instruments:

Description of Observer Equipment: PSPM

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

RFI Considerations

Frequency Ranges Planned

see proposal