

Technical Page

Proposal Type: Regular
 General Category: Pulsars
 Observation Category: Galactic
 Total Time Requested: 18.5 Hours
 Minimum Useful Time: 1 H

Proposal Title: Searching for Millisecond Pulsars in Unidentified Gamma-ray sources.

ABSTRACT:

This sort of activity has already identified 18 new MSPs. We want to find more such very fast-spinning pulsars with Arecibo; the best place to find sub-millisecond pulsars is in unidentified Fermi sources. The reason to use Arecibo is its very high instantaneous sensitivity, which allows the detection of very fast spinning pulsars in very compact orbits.

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Remote Observing Request

- Observer will travel to AO
- Remote Observing
- In Absentia (instructions to operator)

Instrument Setup

327

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned

302-352