

Technical Page

This proposal has not been submitted before.

Proposal Type: Director Discretionary Time
 General Category: Pulsars
 Observation Category: Galactic
 Total Time Requested: 9 Hours
 Minimum Useful Time:

Proposal Title: Pulsars near the sun

ABSTRACT:

We propose to observe pulsars within 15 degrees of angular separation of the the sun in order to measure the Faraday rotation and scintillation effects as a test case. We have selected sources a combination of millisecond pulsars and normal pulsars that are relatively bright for these test observations.

Name	Institution	E-mail	Phone	Student
Nipuni T Palliyaguru	Arecibo Observatory	nipunipalliyaguru9@gmail.com		no

Remote Observing Request

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

Instrument Setup

L-wide

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned

This proposal requires coordination with Punta Salinas radar within the band 1222-1381 MHz..

This proposal requires coordination with GPS L3 at 1381 MHz.