

Technical Page

Proposal Type: Short
 General Category: Pulsars
 Observation Category:
 Total Time Requested: 20 Hours

Proposal Title: Are globular cluster and Galactic pulsars different?

ABSTRACT:

Pulsars in globular clusters, being distant and weak radio sources, are difficult objects to observe. Thus, very little is known about their emission properties. Even though they are likely to be recycled, the globular cluster pulsars do not seem to share the same formation scenario as the recycled pulsars in our Galaxy. Differences in the emission properties of the two populations have been pointed as evidence in support of this hypothesis. The high quality polarimetric study we are proposing here is urgently required and would shed light into this important question.

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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

430 MHz Gregorian 430 MHz CH receiver

Atmospheric Observation Instruments:

Description of Observer Equipment:

Special Equipment or setup: Special setup: PSPM, ABPP **Software needs:** **Media needs:**

RFI Considerations

Frequency Ranges Planned

see proposal