Technical Page

Proposal Type: Regular
General Category: Pulsars
Observation Category: Galactic
Total Time Requested: 19 Hours
Minimum Useful Time: 1 hour

Proposal Title: Searching for Millisecond pulsars in Globular Clusters at 327 MHz

ABSTRACT:

We propose to use the increased sensitivity of the 327-MHz receiver and its doubled bandwidth to search for millisecond pulsars in a total of 5 globular clusters with known pulsars. We believe that significant numbers of new objects might be found.

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>E-mail</th>
<th>Phone</th>
<th>Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paulo C Freire</td>
<td>Arecibo Observatory</td>
<td><a href="mailto:pfreire@naic.edu">pfreire@naic.edu</a></td>
<td>Ext. 358</td>
<td>no</td>
</tr>
</tbody>
</table>

Remote Observing Request

- [ ] Observer will travel to AO
- [x] 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