Technical Page

Proposal Type: Regular
General Category: Pulsars
Observation Category: 36 Hours

Proposal Title: High time resolution measurements of pulsar microstructure

ABSTRACT:

As part of a program to distinguish among several theoretical models for the pulsar radio emission mechanism, we propose to compare the micro- and nanostructure signatures predicted by numerical simulations of these models with high time resolution observations at 90, 21, 8 and 6 cm of core and conal pulsar components.

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>E-mail</th>
<th>Phone</th>
<th>Student</th>
</tr>
</thead>
<tbody>
<tr>
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<td>no</td>
</tr>
</tbody>
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Service Observing Request

Remote Observing Request

X None
☐ All of the observing run.
☐ Part of the observing run.
☐ Queue Observing

X No
☐ Maybe
☐ Yes

Instrument Setup

L-wide C X-high 327

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned

310-340
1360-1470
This proposal requires coordination with Punta Salinas radar within the band 1222-1381 MHz.

This proposal requires coordination with GPS L3 at 1381 MHz.