Technical Page

Proposal Identification No.: P1231
Date Received: 1998-Nov-2, 13:48:35

Proposal Type: Short
General Category: Pulsars
Observation Category:
Total Time Requested: 10 Hours

Proposal Title: A deep radio search for the eclipsing X-ray pulsar in M33

ABSTRACT:

We are asking for 10 hours of Arecibo time to perform a radio search for the recently discovered 310 ms X-ray pulsar in M33. By combining a number of observations, we expect to reach a sensitivity level of 15 $\mu$Jy to this source, and other pulsars in M33. The data will also be used to search for giant pulses from Crab-like pulsars in M33.

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<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>E-mail</th>
<th>Phone</th>
<th>Student</th>
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<tbody>
<tr>
<td>Duncan Ross Lorimer</td>
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<td>787-878-2612</td>
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Service Observing Request | Remote Observing Request

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Instrument Setup

430 MHz Gregorian  430 MHz CH receiver

Atmospheric Observation Instruments:

Description of Observer Equipment:

Special Equipment or setup: Special setup: PSPM AOTFM  Software needs: Media needs:

RFI Considerations

Frequency Ranges Planned

see proposal