Technical Page

Proposal Type: Regular
General Category: Astronomy
Sub-Category: Spectroscopy
Observation Category: Extragalactic
Total Time Requested: 193.5 Hours

Proposal Title: The Internal Kinematics of Distant Spirals

ABSTRACT:

We propose to obtain HI 21cm line spectra of distant field spirals for which we are also obtaining optical rotation curves (a) to investigate the systematics of using different emission lines as rotation tracers and (b) to trace evolution in a sample of galaxies spanning a range of morphological type and luminosity.

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>E-mail</th>
<th>Phone</th>
<th>Student</th>
</tr>
</thead>
<tbody>
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<td>N</td>
</tr>
</tbody>
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Service Observing Request

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

Remot e Observing Request

- X No
- Maybe
- Yes

Instrument Setup

L-band

Atmospheric Observation Instruments:

Description of Observer Equipment:

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

RFI Considerations

Frequency Ranges Planned

see proposal