Technical Page

Proposal Type: Regular
General Category: Astronomy
Sub-Category: Spectroscopy
Observation Category: Extragalactic
Total Time Requested: 200 Hours

Proposal Title: The Evolution of the Mass-to-Light Ratio of Spiral Galaxies

ABSTRACT:
We propose to obtain HI 21cm line spectra of distant field spirals for which we are also obtaining HST images to investigate evolution of M/L in a sample of galaxies spanning a range of morphological type, environment and luminosity.

<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>N</td>
</tr>
</tbody>
</table>

Service Observing Request

Remot e Observing Request

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