

## 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.

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**Service Observing Request**

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

**Remote Observing Request**

- 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