

Technical Page

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Extragalactic
 Total Time Requested: 100 Hours

Proposal Title: The Density Field in the Local Universe

ABSTRACT:

We propose to obtain HI 21cm line spectra of nearby, inclined spirals for which we already have photometric I-band images. The measured HI velocity widths will be used in the application of the Tully-Fisher technique to estimate secondary distances. The local density field will be reconstructed from the resultant peculiar velocities.

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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