

Technical Page

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Extragalactic
 Total Time Requested: 150 Hours

Proposal Title: The Kinematics of the Great Wall

ABSTRACT:

We propose to obtain HI linewidths for a large sample of edge-on spirals in the Great Wall (GW). The linewidths will be combined with I-band photometry to obtain Tully-Fisher distance and peculiar velocity measurements. The velocities will allow us to measure for the first time the kinematical properties of a large scale coherent structure. The first part of the study was completed just before the upgrade. We are proposing for time to finish the sample.

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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