

Technical Page

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Extragalactic
 Total Time Requested: 44 Hours

Proposal Title: The HI Properties of K-Selected Galaxies

ABSTRACT:

We would like to obtain HI spectra for a near-infrared selected sample of galaxies from Coma and Abell 262. These observations will tell us about the relationship between the gas and stellar content in galaxies. They will also provide a test of the fraction of 2MASS galaxies which we expect to detect at 21 cm. This will be helpful in determining the practicality of observing 2MASS galaxies for Tully-Fisher studies of the local Universe.

Name	Institution	E-mail	Phone	Student
Stephen E. Schneider	University of Massachusetts	schneide@wilt.phast.umass.edu	(413)545-2076	N

Service Observing Request

Remote Observing Request

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

- 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