

Technical Page

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Extragalactic
 Total Time Requested: 56 Hours

Proposal Title: The Distribution of Angular Momentum in the Pisces-Perseus Supercluster
ABSTRACT:

We propose to use radio observations in conjunction with APS optical catalogs to investigate phenomena tied to the origins of galaxy angular momentum. Most of this study uses the Arecibo telescope to construct a catalog of very accurately determined galaxy spin vectors, which can be used to investigate the possibility of galaxy alignments. We also propose to search for gas rich, optically faint galaxies using a relationship between optical color and gas mass from VLA surveys of Hercules

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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: Exabyte tapes

RFI Considerations

Frequency Ranges Planned

see proposal