

Technical Page

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Extragalactic
 Total Time Requested: 18 Hours

Proposal Title: An HI-Optical Search for Dwarf Members of a Galaxy Group and for Low Surface Brightness Galaxies

ABSTRACT:

An approach to detecting low surface brightness late-type galaxies, by searching for HI disks around objects that exhibit only compact nuclear bulges in the Minnesota Automated Plate Scanner survey of POSS-I plates, will be investigated. We will simultaneously expand the known dwarf galaxy membership of a galaxy group, and provide high quality HI profiles for group member spirals and dwarf irregulars.

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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 tape to transport data back to Lafayette

RFI Considerations

Frequency Ranges Planned

see proposal