

Technical Page

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Extragalactic
 Total Time Requested: 21 Hours

Proposal Title: Virgo Cluster Blue Compact Dwarf Galaxies – A Search for Extended HI and HI Cloud Companions

ABSTRACT:

Blue compact dwarf galaxies in the Virgo Cluster area will be mapped in the neutral hydrogen 21cm line to investigate whether or not a large fraction of them have extended HI, or HI cloud companions, in their immediate vicinities. This will help to test the hypothesis that tidal or collisional interactions provide the star formation trigger in these systems.

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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 carry data home

RFI Considerations

Frequency Ranges Planned

see proposal