

Technical Page

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Extragalactic
 Total Time Requested: 15 Hours

Proposal Title: The Outer Edge of High Velocity Cloud WvW 413

ABSTRACT:

The scalelengths, on two orthogonal axes, with which the neutral phase of the hydrogen in the High Velocity Cloud WvW 413 will be measured, and the Edge Column Density (where ionized and neutral phases are equally dense) will be determined. Comparison of these quantities with those of other HVCs that have been similarly mapped will help us constrain the distances to the clouds and the extragalactic UV radiation field.

Name	Institution	E-mail	Phone	Student
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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-narrow

Atmospheric Observation Instruments:

Special Equipment or setup: Exabyte or DLT tape drive to transport data to Lafayette

RFI Considerations

Frequency Ranges Planned

1417-1425