

Technical Page

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Extragalactic
 Total Time Requested: 10.5 Hours

Proposal Title: Follow up observations of AGES detections near the noise limit

ABSTRACT:

We intend to use the L Band Wide receiver to observe potential sources found in the first survey cube from the Arecibo Galaxy Environment Survey (AGES) being carried out with ALFA and in the AGES precursor cube. Confirming the reality or otherwise of these sources is a vital part of understanding the reliability of the survey and of forming a reliable catalog of galaxies that can be used for science such as forming the HI mass function and which can be released to the community.

| Name | Institution | E-mail | Phone | Student |
|------------------|---------------------|-------------------|------------------------|---------|
| Robert F Minchin | Arecibo Observatory | rminchin@naic.edu | 1-787-878-2612 x283 | no |

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-wide

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned

1340 - 1420

This proposal requires coordination with Punta Salinas radar within the band 1222-1381 MHz..

This proposal requires coordination with GPS L3 at 1381 MHz.