

Technical Page

Proposal Type: Director Discretionary Time
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Extragalactic
 Total Time Requested: 2 Hours
 Minimum Useful Time: 1 hour

Proposal Title: Radio observing experience for UW-Madison undergraduate students
ABSTRACT:

I would like to ask for 2 observing sessions, 1-hour long, for an introductory observing session for several astronomy and physics seniors at the University of Wisconsin, Madison. During the fall semester I will be teaching "Experiences in Astronomical Observing" for 3rd year undergraduate students. We plan to conduct HI spectral-line observations of several galaxies using the L-wide receiver. These remote observations (in the standard ON-OFF spectral line mode) will provide students with hands-on experience with the largest radio telescope. Data will be reduced in Madison, and we plan to write an article for the Wisconsin Undergraduate Journal of Science.

Name	Institution	E-mail	Phone	Student
Snezana Stanimirovic	University of Wisconsin, Madison	sstanimi@astro.wisc.edu	608 890 1458	no

Remote Observing Request

- Observer will travel to AO
- Remote Observing
- In Absentia (instructions to operator)

Instrument Setup

L-wide

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned

about 1380 to 1430

This proposal requires coordination with GPS L3 at 1381 MHz.