

Technical Page

This proposal has not been submitted before.

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: Student Observations as part of a Radio Astronomy Course at Western Illinois University

ABSTRACT:

The Physics Department of Western Illinois University is offering this 2015 Fall semester (August to December 2015) the course PHYS563 Radio Astronomy. This proposal is a request for Director’s Discretionary Time (1 or 2 hours as the schedule permits) to give students a hands-on experience to apply the concepts discussed in class and to give them the opportunity for creative scientific research by proposing possible observing projects based on the LST allocated. Although no specific LST range is needed for the project, the following LST ranges would be preferable because the observations will directly support ongoing student research projects: 19:00 LST (first priority), 04:30 LST (second priority). The observations should be scheduled on or before mid November, ideally in October 2015.

Name	Institution	E-mail	Phone	Student
Esteban D. Araya	Western Illinois University	ed-araya@wiu.edu	309 298 1359	no

Remote Observing Request

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

Instrument Setup

L-wide C X-band C-high

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned