

Technical Page

Proposal Type: Regular
 General Category: Pulsars
 Observation Category:
 Total Time Requested: 24 Hours

Proposal Title: Probing the Eclipse Region in PSR B1957+20

ABSTRACT:

We propose observations of the eclipsing binary pulsar B1957+20 during ingress and egress. One goal is to examine the polarization of the radio pulses as they pass through the system. Another is to measure possible systematic variations in the eclipse duration to gather information about the pulsar's orbital companion.

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Instrument Setup

610 430 CH receiver L-narrow

Atmospheric Optical Instruments:

Description of Observer Equipment: Princeton Mark IV pulsar observing system

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned