Proposal Identification No.: A1043
Date Received: 1997-Feb-1 22:14:42

Technical Page

Proposal Type: Regular
General Category: Astronomy
Sub-Category: Spectroscopy
Observation Category: Extragalactic
Total Time Requested: 50 Hours

Proposal Title: A HI search for the Host Galaxies of 18 Quasars

ABSTRACT:

We wish to search for HI absorption against 18 quasars whose redshifts bring host-galaxy absorption into the 430-MHz band. The aim is to determine column densities in either the host, or disk galaxies within an associated cluster, helping to determine the nature of quasar hosts, provide constraints for unification schemes for quasars and radio galaxies, and decide between evolutionary scenarios.

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>E-mail</th>
<th>Phone</th>
<th>Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tapasi Ghosh</td>
<td>NAIC</td>
<td><a href="mailto:tghosh@naic.edu">tghosh@naic.edu</a></td>
<td>(787) 878-2612</td>
<td>N</td>
</tr>
</tbody>
</table>

Service Observing Request

- [X] None
- [ ] All of the observing run.
- [ ] Part of the observing run.
- [ ] Queue Observing

Remote Observing Request

- [X] No
- [ ] Maybe
- [ ] Yes

Instrument Setup

- 430 MHz CH receiver

Atmospheric Observation Instruments:

Description of Observer Equipment:

Special Equipment or setup: Special setup: Software needs: Media needs:

RFI Considerations

Frequency Ranges Planned

see proposal