

Technical Page

Proposal Type: Regular
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Extragalactic
 Total Time Requested: 31 Hours

Proposal Title: High Precision Redshifts for Galaxies in Isolated Pairs

ABSTRACT:

High precision neutral hydrogen redshifts will be obtained for pairs of galaxies drawn from the UZC redshift catalog, restricted to pairs that are not members of groups of three or more galaxies. The pair sample encompasses larger magnitude differences than previously available, bridging the gap between earlier studies of pair dynamics and studies of small satellite galaxies around large spirals. This will allow a determination of the extent to which dynamical friction has influenced the orbits of the member galaxies.

Name	Institution	E-mail	Phone	Student
Lyle Hoffman	Lafayette College	hoffmang@lafayette.edu	610-330-5211	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

1396-1418