

Technical Page

Proposal Type: Short
 General Category: Astronomy
 Sub-Category: Spectroscopy
 Observation Category: Extragalactic
 Total Time Requested: 3 Hours

Proposal Title: Starburst and Post-Starburst Galaxies in the Pegasus Cluster

ABSTRACT:

We have found a surprisingly high fraction of post-starburst (PSB) and starburst (SB) galaxies in 5 nearby rich clusters of galaxies. This activity is similar in nature to the Butcher-Oemler (B-O) effect, but the clusters are 10 times nearer. This proximity provides a unique opportunity to solve the main questions about the origin of the B-O effect. We propose to determine the HI spectrum of 4 SB and PSB galaxies in the Pegasus cluster.

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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-band

Atmospheric Observation Instruments:

Description of Observer Equipment:

Special Equipment or setup: Software needs: Media needs:

RFI Considerations

Frequency Ranges Planned

see proposal