

Team Information

The Team Information and Background section is an opportunity for the PI to identify other information relevant to the science of or execution of the proposal (not a list of co-Is). This section need not be anonymized.

The team is led by Prof. Gautham Narayan, who has extensive experience in observational astronomy, particularly in time-domain and extragalactic science, as well as strong expertise in data reduction and analysis of imaging and spectroscopic datasets. Prof. Narayan will provide guidance throughout the project, ensuring the success of the observations and the scientific analysis. The observations and data reduction will be carried out by Vitor Souza Ramos, a student under Prof. Narayan's Observational Astronomy course, as part of a class project designed to provide hands-on experience in observational astronomy and data analysis. Although Vitor has no prior experience with SOAR, he will handle all aspects of the program, including proposal preparation, observation planning, data reduction, and scientific interpretation, under Prof. Narayan's mentorship.

Use of Other Facilities or Resources

(1) Describe how the proposed observations complement data from non-NOIRLab facilities. For each of these other facilities, indicate the nature of the observations (yours or those of others), and describe the importance of the observations proposed here in the context of the entire program. (2) Do you currently have a grant that would provide resources to support the data processing, analysis, and publication of the observations proposed here?"

This program is stand-alone and does not require additional data from other facilities. All investigators are funded by independent research fellowships or assistantships and have the necessary financial support to complete the data processing and analysis.

Previous Use of NOIRLab Facilities

List allocations of telescope time on facilities available through NOIRLab to the PI during the last 2 years for regular proposals, and at any time in the past for survey proposals (including participation of the PI as a Co-I on previous NOIRLab surveys), together with the current status of the data (cite publications where appropriate). Mark with an asterisk those allocations of time related to the current proposal. Please include original proposal semesters and ID numbers when available.

We report no previous use of NOIRLab Facilities, even though it is highly likely that Prof. Narayan has a lot of experience with every single one of NOIRLab's instruments, as became evident during the course of the semester.