

NOAO Observing Proposal

Standard proposal

Panel: *For office use.*

Date: September 22, 2016

Category: Cosmology

Final Two Host Galaxy Observations for “SweetSpot”

Abstract of Scientific Justification (*will be made publicly available for accepted proposals*):

Summary of observing runs requested for this project

Run	Telescope	Instrument	No. Nights	Moon	Optimal months	Accept. months
1	WIYN	WHIRC	1	bright	May - Jul	Mar - Jul
2						
3						
4						
5						
6						

Scheduling constraints and non-usable dates (*up to six lines*).

Status: P Affil.: NOAO

Scientific Justification *Be sure to include overall significance to astronomy. For standard proposals limit text to one page with figures, captions and references on no more than two additional pages.*

Experimental Design Describe your overall observational program. How will these observations contribute toward the accomplishment of the goals outlined in the science justification? If you've requested long-term status, justify why this is necessary for successful completion of the science. (limit text to one page)

Proprietary Period: 18 months

Use of Other Facilities or Resources (1) Describe how the proposed observations complement data from non-NOAO 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?"

Previous Use of NOAO Facilities List allocations of telescope time on facilities available through NOAO 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 NOAO 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.

Observing Run Details for Run 1: WIYN/WHIRC

Technical Description

Describe the observations to be made during this observing run. Justify the specific telescope, the number of nights, the instrument, and the lunar phase. List objects, coordinates, and magnitudes (or surface brightness, if appropriate) in the Target Tables section below (required for queue and Gemini runs).

Instrument Configuration

Filters:
Grating/grism:
Order:
Cross disperser:

Slit:
Multislit:
 λ_{start} :
 λ_{end} :

Fiber cable:
Corrector:
Collimator:
Atmos. disp. corr.:

R.A. range of principal targets (hours): 12 to 19

Dec. range of principal targets (degrees): -14 to +44

Special Instrument Requirements

Describe briefly any special or non-standard usage of instrumentation.