

Deadline: 17 October 2011

Submit your proposal at http://www.das.uchile.cl/cntac/form_prop_cntac.php**1. Title**

Proposal for Observing Time by a Member of the Chilean Astronomical Community.

2. Abstract

Provide a concise summary of your proposal. Each proposal should contain a specific scientific project. If you have more than one project, then you must submit one separate proposal for each.

To see whether you are entitled to apply for CNTAC time, please check the following URL:
<http://www.das.uchile.cl/cntac.php>.

3a. Number of requested nights, or hours, on each telescope/radiotelescope (see also #15)**CTIO**

Blanco	SOAR	1.5m	1.3m	1.0m	0.9m	Prompt	Curtis-Schmidt	SARA

LCO

Baade	Clay	du Pont	Swope
	0.5n		

3b. Instrument(s) requested

MIKE

National Telescopes

Warsaw	Danish	Euler	REM	TAROT	ESO-Schmidt	TRA-PPIST	Mini-TAO

Radio

ASTE	NANTEN	QUIET	ACT

4. Principal investigatorStatus (A,S,V): ☐

< Name PI name

e-mail

Phone

Institute

Address

5. Co-investigators (names and institutions)

Name 1 (Institution 1)

< Name 2 (Institution 2)

Name 3 (Institution 2)

etc

6a. Preferred months first choice: second choice: 6b. Other scheduling constraints (use also box 16)	7. Moonlight constraints No restriction ☐ Max. # of days from new moon 4 Example text: Dark time is preferred, but gray time would be acceptable.
8a. Past and future of this project i) Time already awarded to this project: ii) Time required to complete this project (excluding this semester): 8b. Long-term status request* ☐ <i>*Refer to the CNTAC policy for long-term programs.</i>	9. Service/remote observing Mark if this is a service/remote observing proposal ☒ Example text: SOAR offers remote observing and our team has the required expertise.
10a. If this proposal is part of a MSc or PhD thesis project in a Chilean institution, write here the name of the student, the thesis title, and briefly describe the importance of the requested observations to achieve the goals of the thesis.	
10b. Describe how the proposed observations complement data from non-CNTAC facilities. For each of the latter, 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.	

11a. CNTAC observing time allocated **to this particular project in the last 2 years**

Proposal code	Proposal title
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CHILE-000A-0000	Program's title
CHILE-000B-0000	Program's title

Dates	Telescope	Awarded time	Loss (%)	Reason(s)
01-02 Oct 2006	Baade 6.5m	2 n	10	High humidity
25 Dec 2010	Blanco	1 h	0	

11b. Brief description of the status of this project, including publications.

Your text here

Hubble, E. P. 1926, ApJ, 64, 321

Sandage, A. & Hardy, E. 1973, ApJ, 183, 743

11c. Other publications in the course of the past 3 years on the topic of this proposal (including article titles).

Penzias, A. A. & Wilson, R. W. 1965, ApJ, 142, 419: *A Measurement of Excess Antenna Temperature at 4080 Mc/s*

Dicke, R. H., Peebles, P. J. E., Roll, P. G., & Wilkinson, D. T. 1965, ApJ, 142, 414: *Cosmic Black-Body Radiation*

12. Description of the programme (1 page of text and up to 2 pages for references, tables and figures.)

A) Scientific rationale Describe the scientific context of the research that you intend to carry out using CNTAC observing time.

The members of the CNTAC have prepared a document with the criteria for selection of CNTAC proposals and tips for a successful proposal, which can be found at: http://www.das.uchile.cl/doc_pdf/guidelines.pdf

Make sure to provide a succinct, up-to-date review of the relevant literature, and to discuss the broader scientific implications of your proposed science.

B) Scientific aim Explain what exactly your team proposes to accomplish with the requested observations. Describe the reduction and analysis tools that you will use, and the scientific return expected.

References

Hubble, E. P. 1926, ApJ, 64, 321

Penzias, A. A. & Wilson, R. W. 1965, ApJ, 142, 419

Figure 1: Figure caption here.

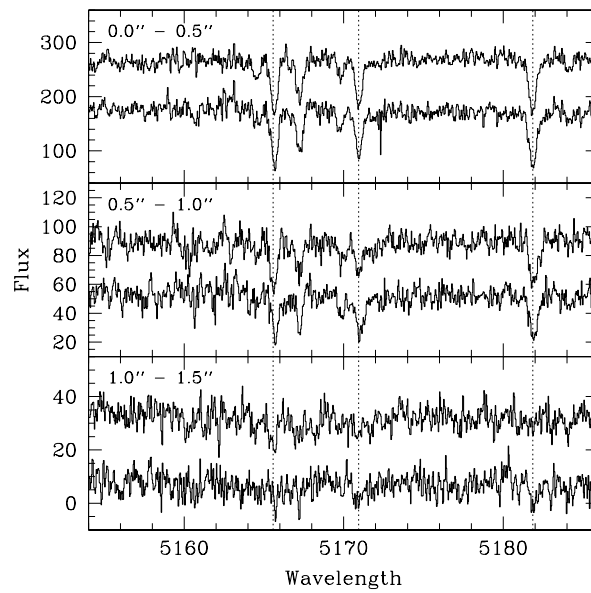


Figure 3: An enlarged, rotated version of the previous figure.

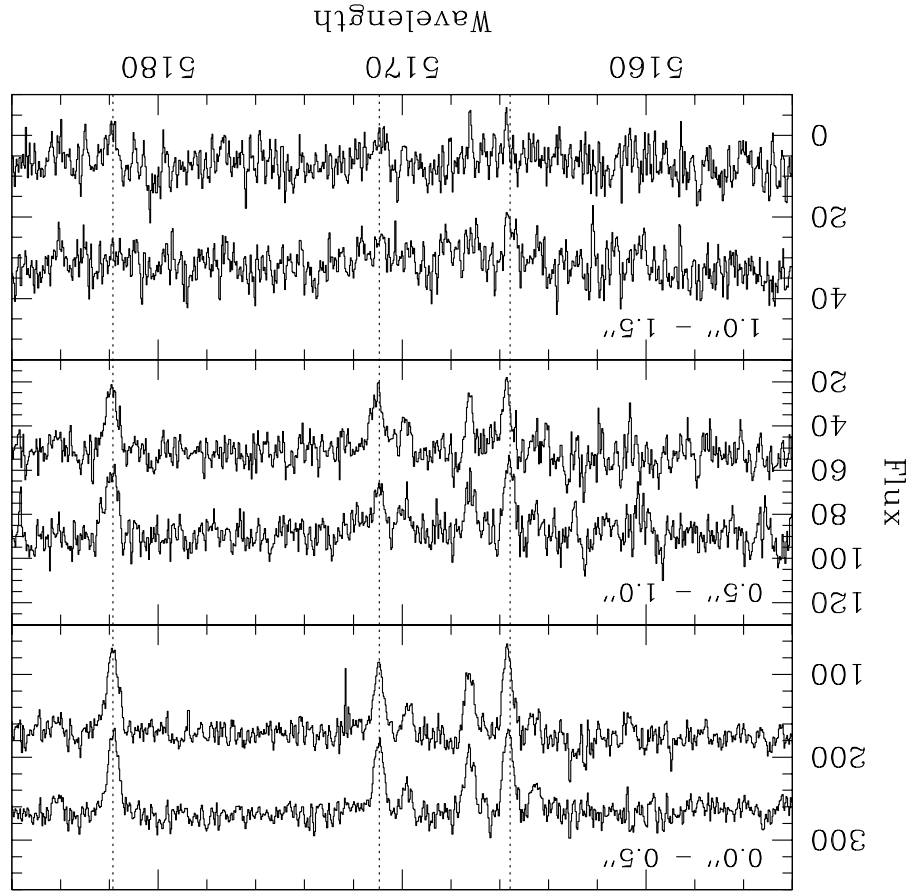


Table 1: Abundance ratios

QSO	[Fe/H]	[Zn/Fe]	[Si/Fe]	[S/Fe]	Ref.
Q0149+33	-1.77	0.10	0.28	...	a,b
Q0013-004	-1.83	1.09	...	0.79	m
Q0100+13	-1.90	0.31	0.48	0.44	b,c
Q0201+3634	-0.87	0.59	0.46	...	a,n

13. List of targets (absence of a proper object list and information will weaken your proposal). You can include an hyperlink to online catalogs (e.g., Simbad, Vizier, NED, etc.)

Name	α	δ	Epoch	Mag.	Additional Information (e.g., redshift, reddening, angular size, etc.)
V* sig Oct	21 08 46.85	-88 57 23.40	J2000	V=5.42	
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14. Observational strategy and justification of instrument and requested time (including overheads).

To estimate your exposure times, you are encouraged to check the ETC tools that are available at the observatory web pages. If an ETC is not available for your telescope/instrument combination, please consult directly with the team responsible for its operation.

Note that this is a critical information. Please include overheads and be as clear as possible when justifying the total requested time.

15a. Optical/IR telescopes: requested instrument(s) setup

Direct photometry, V , R , I , J , K filters.

15b. Radio

Telescope	LST interval	Obs. periods	Total # of hours	Type	Lines	Rec/Spec (bandwidth)
ASTE						
NANTEN						
QUIET						
ACT						

16. Scheduling constraints, special requirements and other remarks

Your text here

17. Backup program (if proposal needs outstanding weather)

Your text here