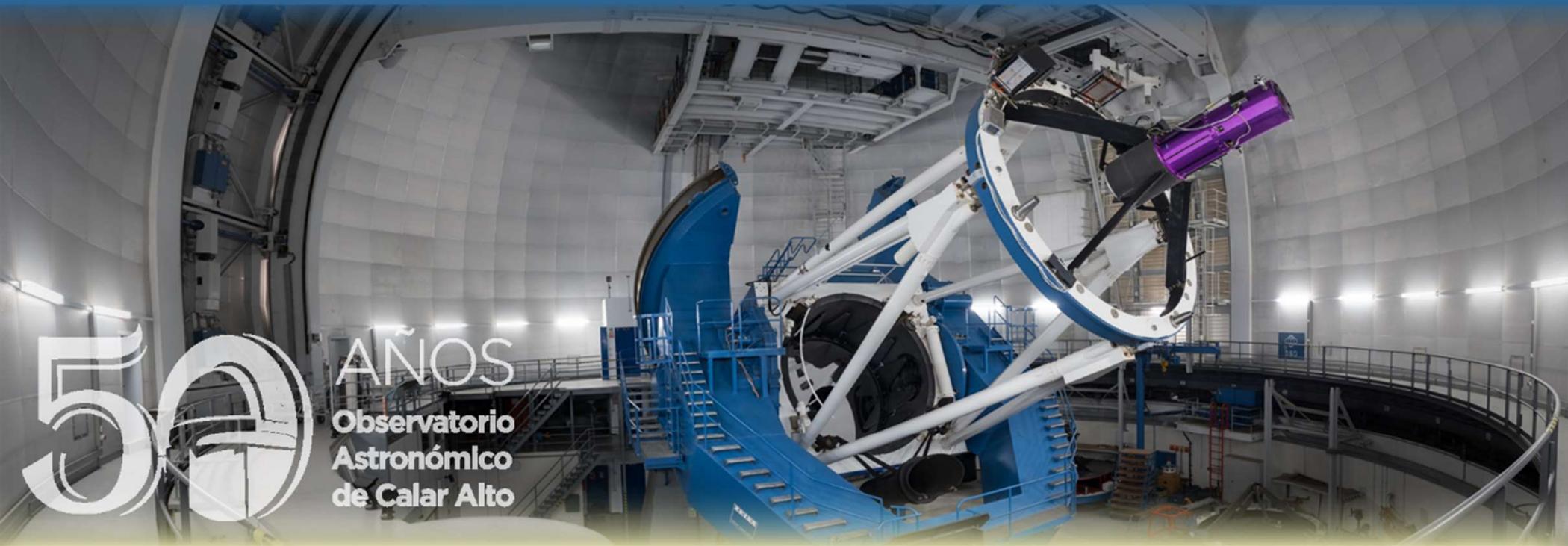


RECEPCIÓN Y EVALUACIÓN DE PROPUESTAS EN CAHA



50

AÑOS
Observatorio
Astronómico
de Calar Alto

*Red de Infraestructuras de Astronomía:
Promoviendo sinergias entre grandes observatorios españoles.*

Departamento de Informática
Enrique de Juan



Motivación



cast

Calor Alto Submission Tool

for Observing Proposals

Reload Submission Page Application Information Calor Alto Homepage

Reload Submission Page Application Information Calor Alto Homepage

CAST - The Calor Alto Submission Tool for Observing Proposals - allows the upload of your application via internet. Before using it for the first time please read carefully the information provided below.

NO PROPOSALS ARE ACCEPTED FOR THE TIME BEING.

Enter number of files to upload: Not active

Some useful information

Although CAST is very easy to handle, there are some things you should keep in mind:

- The total size of all uploaded files must not exceed 20 Mbytes, a single file must not be larger than 3 Mbytes. If you upload files larger than allowed, it may happen that you get an error message and the upload page instead. This does not mean that the system hangs. Just reload the submission page, reduce file-size and try again.
- The first file to upload must be the main file, followed by the other files (figures), if needed. Find more information about the files files to be submitted in the user manual.
- You may submit a test run to check your application. To this end you must enter the 'Test Run' entry in the LaTeX file. The confirmation of the successful communication during test runs is sent to the e-mail address you provide in the form. The failure notification of the unsuccessful communication will also be sent to the P.I. as specified in the proposal form.
- The processing needs, depending on the size of the LaTeX files, are approximately 10 - 30 seconds. Near the deadline this time may be longer. All simultaneous submissions will be processed - a good reason to submit your proposals well in advance.
- After the upload when a process ID is returned you will get a message about the processing of your application. **This process ID is not the proposal ID.** Once a successful proposal is submitted your proposal will be confirmed by e-mail, when you receive also the proposal ID. A separate mail you receive a printable version of your proposal. You can also report any difficulties or problems (see below).

Some technical issues regarding the browser:

- Do not use the "BACK" button of your browser if you want to repeat any step during the upload procedure. Many browsers just submit the same information again when going back to the previous page. Use instead the button "Reload Submission Page" on the top of the upload pages.
- When filling the text boxes do not use the "RETURN" key, which would immediately submit the information. Use instead the "TAB" key or click on the fields.

In case of problems

If you encounter any problem or difficulty with the submission, please contact Gilles Bergond (gbergon@caha.es).

But beware that near the deadline the amount of submissions uses to increase considerably and it can be difficult or impossible to help you in an efficient way. You help us and yourself by preparing your proposal well in advance.

Calor Alto Proposals Submission Tool

CAHA

ENRIQUE DE JUAN RODRIGUEZ

INTRODUCTION GUIDE PROPOSALS USER ACCOUNT

SHOW PROPOSALS LIST SAVE CHANGES

1. TELESCOPE

2. APPLICANT & COLLABORATORS

NEW PROPOSALS LIST SAVE CHANGES

1. TELESCOPE

2. APPLICANT & COLLABORATORS

3. OBSERVING PROGRAM

Select priority category: Target of Opportunity

New proposal type: PRE-THESIS PROJECTS LONG TERM OR LARGE PROJECTS INSTRUMENT TEST VISITOR REQUEST

Program Abstract (max. 1000 chars)

ABSTRACT

DESCRIPTION OF THE OBSERVING PROGRAM

Select a PDF to upload

PROGRAM DESCRIPTION

4. OBSERVING RUN

5. OBSERVING PLAN

6. PREVIOUS CAHA PROPOSALS

7. OTHER NOTES

SHOW PROPOSALS LIST SAVE CHANGES

php

MySQL Development Services

Contact: propos@caha.es for any further information, questions or problems

Calor Alto Astronomical Observatory

INTRO

OBJETIVOS

ROLES Y
ESTADOS

MAINPAGE

GESTIÓN

PROPUESTAS

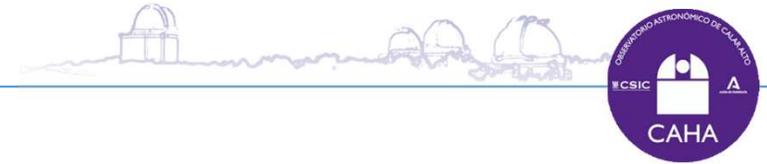
TAC

RESOLUCIÓN

VALORACIÓN

FUTURO

Objetivos



Segura



Robusta



Flexible



Intuitiva

INTRO

OBJETIVOS

ROLES Y
ESTADOS

MAINPAGE

GESTIÓN

PROPUESTAS

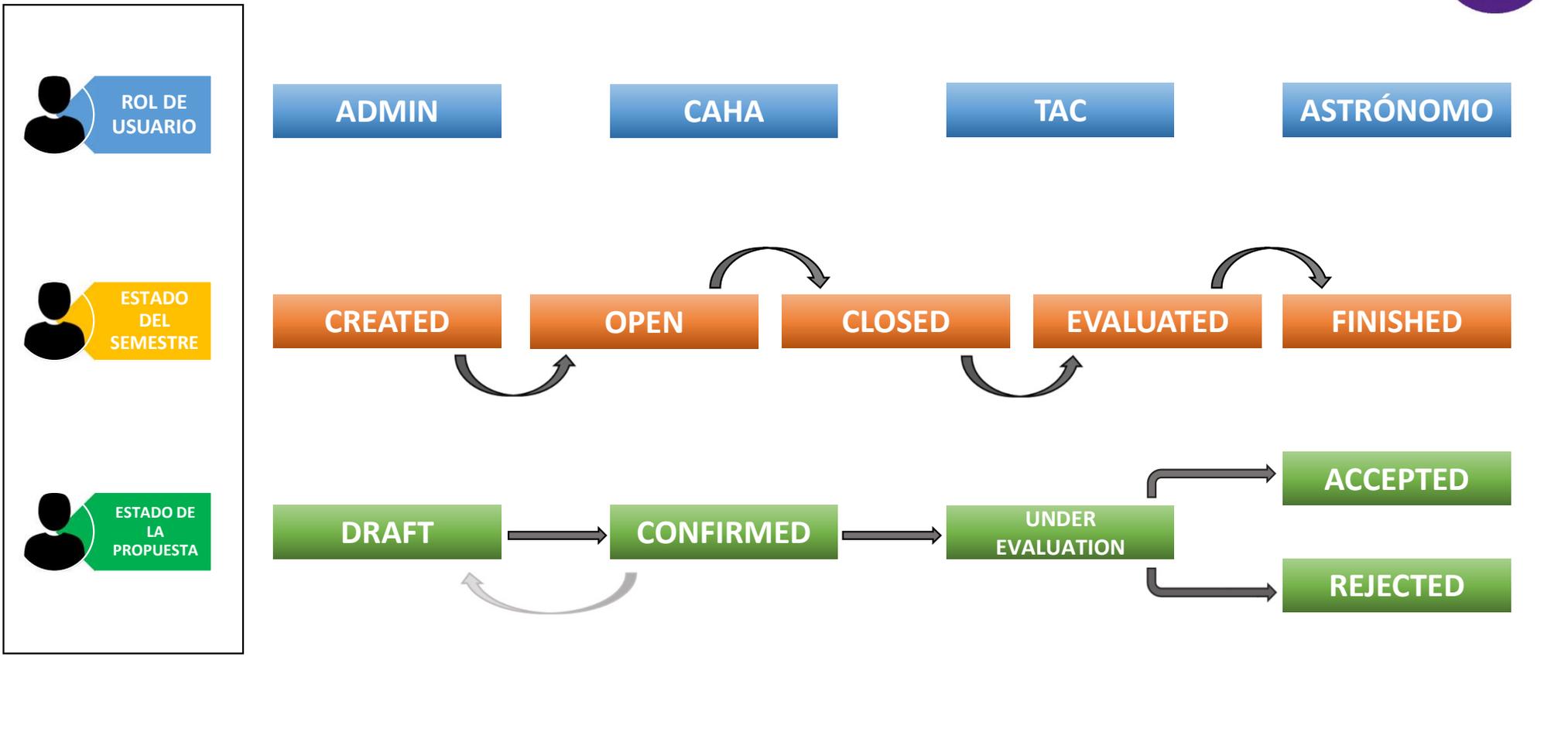
TAC

RESOLUCIÓN

VALORACIÓN

FUTURO

Roles y estados



Portal web



Three overlapping screenshots of the 'Calar Alto Proposals Submission Tool' website. The first screenshot shows the 'Introduction' page with the heading 'Applications for observing time at Calar Alto' and 'General Information'. It details the Spanish open time at the CAHA 2.2- and 3.5-m telescopes for the Spring semester 2024 (1st January through 30th June). It also mentions that as an ICTS (Spanish Unique Scientific and Technical Infrastructure), the Calar Alto observatory offers to astronomers every year through an open call for proposals, a maximum of 20% of the available observing time on its two main telescopes: the 2.2m and 3.5m. The second screenshot shows the 'Application Procedure' page, which explains that the tool requires a user registration and provides instructions on how to create a new user account, log in, and manage applications. It also includes a 'Detailed Application Procedure' link. The third screenshot shows the 'Create User' form, which includes fields for Username, First name, Family name, and Email, along with a checkbox for 'You have read and accepted our Privacy Policy' and a 'CREATE USER' button.

INTRO

OBJETIVOS

ROLES Y
ESTADOS

MAINPAGE

GESTIÓN

PROPUESTAS

TAC

RESOLUCIÓN

VALORACIÓN

FUTURO

Gestión del sistema



The screenshots show the following sections of the tool:

- Configuration:** A sidebar with 'INSTRUMENTS' and 'CIP SEMESTERS'. The 'INSTRUMENTS' table lists: CARMENES (checked), LARCA (unchecked), WISCA (unchecked), OMEGA2000 (checked), PMS (checked), and TWIN (unchecked). The 'CIP SEMESTERS' table lists: 21B (17/03/2021), 22A (20/09/2021), 22B (29/03/2022), 23A (20/09/2022), 23B (20/03/2023), and 24A (17/09/2023).
- Users:** A table of users with columns for name and email. Users include: Enrique de Juan (ADMIN), Carmen Gonzalez, Laura Gonzalez Lopez, Enrique de Juan Fernandez, Victoria Perez, Laura Sanchez, Jorge Fernandez, Paula Ramirez, Sophie Jones, Diego Torres, Christopher Anderson, William Brown, Beatriz Lopez, and Carmen Martinez.
- Proposals:** A list of proposals with columns for telescope, status, title, submitter, and date. Examples include: 'MOLECULAR GAS DISTRIBUTION MAPPING IN SPIRAL GALAXIES' (Draft, 2023-10-10 14:48:21), 'PROTOPLANETARY DISK STRUCTURE STUDY' (Draft, 2023-10-10 11:37:02), 'NEARBY SUPERNOVA SEARCH AND CLASSIFICATION' (Draft, 2023-10-10 15:20:01), 'GEOLOGICAL ACTIVITY OBSERVATION ON SOLAR SYSTEM PLANETS' (Submitted, 2023-10-10 11:00:13), 'ORION STAR FORMATION REGION EXPLORATION' (Submitted, 2023-10-10 10:30:10), 'GRAVITATIONAL MICROLENSING EVENT DETECTION' (Submitted, 2023-10-10 07:56:03), 'COMETARY COMPOSITION INVESTIGATIONS' (Draft, 2023-10-09 13:36:11), 'INTERACTING GALAXY SYSTEMS RESEARCH' (Draft, 2023-10-09 13:47:26), 'SOLAR ACTIVITY CHARACTERIZATION' (Draft, 2023-10-10 15:44:37), 'PULSAR SEARCH IN THE MILKY WAY' (Draft, 2023-10-10 10:32:21), 'THREE DIMENSIONAL UNIVERSE STRUCTURE MAPPING' (Draft, 2023-10-10 14:53:20), 'VARIABLE STAR OBSERVATION IN THE LARGE MAGELLANIC CLOUD' (Submitted, 2023-10-10 10:48:15), and 'STELLAR BLACK HOLE FORMATION STUDIES' (Draft, 2023-10-10 10:48:15).

INTRO

OBJETIVOS

ROLES Y ESTADOS

MAINPAGE

GESTIÓN

PROPUESTAS

TAC

RESOLUCIÓN

VALORACIÓN

FUTURO

Generación de propuesta



Calar Alto Proposals Submission Tool

CALAR ALTO ASTRONOMICAL OBSERVATORY

Username Password LOGIN
Forgot your username or password? [CREATE A NEW USER](#)

INTRODUCTION

GUIDE

Applications for observing time at Calar Alto

General Information

Spanish open time at the CAHA 2.2- and 3.5-m telescopes

Applications for observing time at the 2.2- and 3.5-m telescopes for the Spring semester 2024 (1st January through 30th June)

As an ICTS (Spanish Unique Scientific and Technical Infrastructure), the Calar Alto observatory offers to astronomers every semester through an open call for proposals, a minimum of 20% of the available observing time on its two main telescopes: the 2.2m and the 3.5m, the largest of its kind in mainland Europe.

The Principal Investigator (PI) of the proposal must be affiliated with a Spanish institution at the time of submission. Co-investigators (CoIs) from all countries are welcome to participate along with the Spanish PI.

Proposals of PIs from international organizations or based in non-European countries may be granted with observing time if they are considered among the best proposals by their scientific quality. Those proposals should, in particular, justify that they apply for CAHA time because they have no access to a similar instrument at their (inter)national facilities. Typically, up to 5% of the available open time might be granted to non-partners every semester.

Interested PIs are encouraged to read carefully this [file](#) which contains all the relevant information to submit a proposal.

DEADLINE FOR SPRING 2024 PROPOSALS

October 11th, 2023, 14:00:00 (UT)

Earliest date for submission is September 18th, 2023

Open access protocol and committees for observing time requests

Twice a year, a Call for proposals is done to apply for observing time each semester, Spring (1st January through 30th June) and Autumn (1st July through 31st December). This is usually published about three months in advance at the following link:

<https://www.caha.es/callforproposals>

This site specifies about one month in advance the deadlines for applying. After the deadline a Time Allocation Committee (TAC, composed of half a dozen of internationally recognized astronomers having wide, complementary expertise) meets to evaluate them in a competitive open access, prioritizing the scientific excellence criteria subject to their technical feasibility.

Taking into account the rates given to the proposals the observatory elaborates the schedule of the corresponding semester and the TAC secretary informs the applicants if their proposals have been approved, or not, and the assigned dates and telescope.

Calar Alto also offers the option to buy observing time at the 3.5-m and 2.2-m telescopes.



INTRO

OBJETIVOS

ROLES Y
ESTADOS

MAINPAGE

GESTIÓN

PROPUESTAS

TAC

RESOLUCIÓN

VALORACIÓN

FUTURO

Generación de propuesta



Time Allocation Committee for Calar Alto Astronomical Observatory
APPLICATIONS FOR OBSERVING TIME
Spring semester 2024 (January 1st - June 30th)

Observing period: 24A
Proposal ID: 24A-2.5-013
Received: 2023-10-13 15:23:05
VISITOR / SERVICE

1. TELESCOPE
 Tel3 5m
 Tel3 2m
 Tel3 23m
 Schmidt

2. APPLICANT & COLLABORATORS
2.1 Applicant: Enrique de Juan Fernández
Email: enrdeju@gmail.com
Address: CAHA, Spain
Phone: +34 950 800000-0002-9382-4505

2.2 Collaborators:
Ana Fernández Martínez (IAA) | afm@iaa.csic.es | Universidad de Almería
Laura Becker (NASA) | lbecker@usal.es
William Brown (NASA) | brown@nasa.gov
Sarah Schmidt (IAA) | sarah.schmidt@iaa.es
Andrea Martín (CAHA) | amargar@unl.es

3. OBSERVING PROGRAMME
 PhD thesis projects
 Instrument test
 Visitor instrument
 Long term or large projects
 Target of Opportunity

Study of Emission Nebulae in the Large Magellanic Cloud

Title: Interstellar medium / star formation / Milky Way
Category: The proposal aims to delve into the captivating world of these celestial wonders within the Large Magellanic Cloud (LMC), a nearby satellite galaxy to our Milky Way. Emission nebulae often referred to as stellar nurseries, are regions of space where the interstellar medium becomes a canvas for the formation of new stars. The LMC presents a unique opportunity for this study due to its proximity, allowing for detailed observations.

Abstract: This research will employ state-of-the-art astronomical instruments to investigate the physical properties, composition, and ionization processes of emission nebulae in the LMC. By analyzing their spectral signatures, we hope to gain insights into the life cycles of massive stars that both energize and sculpt these nebulous structures.

INTRO

OBJETIVOS

ROLES Y
ESTADOS

MAINPAGE

GESTIÓN

PROPUESTAS

TAC

RESOLUCIÓN

VALORACIÓN

FUTURO

TAC



Calar Alto Proposals Submission Tool

3.5m Telescope 24h period

Filter by telescope

Time Allocation Committee / 24h

Proposal ID	PI	Telescope	Priority	Run 1	Run 2	Run 3	Run 4	Run 5	Run 6	Run 7	Run 8	Run 9	Run 10	Run 11	Run 12	Run 13	Run 14	Run 15	Run 16	Run 17	Run 18	Run 19	Run 20	Run 21	Run 22	Run 23	Run 24	
2019-3-3-001	...	3.5m	...	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Calar Alto Proposals Submission Tool

3.5m Telescope 24h period

TAC ASSIGN TAC RESOLUTION PROPOSALS

Run	Proposal ID	PI	Telescope	Priority	Run 1	Run 2	Run 3	Run 4	Run 5	Run 6	Run 7	Run 8	Run 9	Run 10	Run 11	Run 12	Run 13	Run 14	Run 15	Run 16	Run 17	Run 18	Run 19	Run 20	Run 21	Run 22	Run 23	Run 24
6	2019-3-3-002	...	3.5m	...	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Calar Alto Proposals Submission Tool

TAC ASSIGN TAC RESOLUTION PROPOSALS

24h-3.5-013

4 months Teñá Sn

Enrique de Juan Fernández

Study of Emission Nebulae in the Large Magellanic Cloud

The proposal aims to delve into the captivating world of these extended wonders within the Large Magellanic Cloud (LMC), a nearby satellite galaxy to our Milky Way. Emission nebulae, often referred to as 'star nurseries', are regions of space where the interstellar medium becomes a crucible for the formation of new stars. The LMC presents a unique opportunity for this study due to its proximity, allowing for detailed observations.

This research will employ state-of-the-art astronomical instruments to investigate the physical properties, composition, and emission processes of emission nebulae in the LMC. By analyzing their spectral signatures, we hope to gain insights into the life cycles of massive stars that both energize and sculpt these nebulous structures.

Furthermore, the proposed research will have implications for broader astrophysical contexts, shedding light on the universal processes that govern star birth and the dispersion of heavy elements throughout galaxies.

RUN #1: 2 nights with CARMENES in VISITOR mode
 RUN #2: 2 nights with PMAS in SERVICE mode

AVG. VAL. LR: 5.95

LUIS MONTANES
 JOSEPH JAMES
 GARCIA GARCIA

The approval for the 'Study of Emission Nebulae in the Large Magellanic Cloud' is understood to encompass not only the primary observations but also the necessary data reduction and analysis. However, it is essential to coordinate the data reduction and analysis with the telescope's operations.

Resolución



This screenshot displays the 'PROPOSALS' tab of the Calar Alto Proposals Submission Tool. It shows a list of 13 proposals, each with a title, a brief description, and a status indicator (e.g., 'ACCEPTED', 'REJECTED'). The proposals are organized by night, with a '3.5m Telescope' and '24A period' selected. The interface includes navigation tabs for CONFIGURATION, USERS, TAC ASSIGN, TAC RESOLUTION, and PROPOSALS, along with a USER ACCOUNT link.

This screenshot shows the detailed view of a proposal titled 'Study of Emission Nebulae in the Large Magellanic Cloud'. The proposal text describes the scientific goals and the use of the Large Magellanic Cloud (LMC) as a laboratory for studying star formation. It includes a list of nights assigned to the proposal: 'NIGHT #1: 2 nights with CARMENES in VISITOR mode' and 'NIGHT #2: 2 nights with PMAS in SERVICE mode'. The interface also shows the proposer's name, email, and affiliation (CAHA), along with a 'RELAYED' status and a 'CALC. VAL. 0.00' field.

INTRO

OBJETIVOS

ROLES Y
ESTADOS

MAINPAGE

GESTIÓN

PROPUESTAS

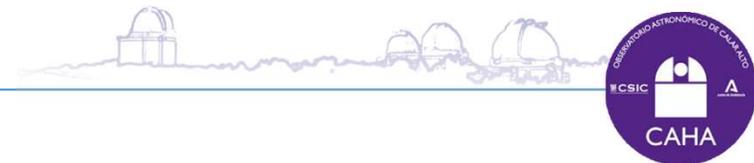
TAC

RESOLUCIÓN

VALORACIÓN

FUTURO

Valoración del sistema



- Importante reducción de las intervenciones del Departamento de Informática.
- Gran mejora en la gestión del proceso para sus administradores.



- Agiliza las comunicaciones y el intercambio de información.
- Elimina los estrictos métodos anteriores también basados en plantillas LaTeX.

INTRO

OBJETIVOS

ROLES Y
ESTADOS

MAINPAGE

GESTIÓN

PROPUESTAS

TAC

RESOLUCIÓN

VALORACIÓN

FUTURO

Valoración del sistema



Futuro



A
CORTO
PLAZO

Completar la posibilidad de customización del sistema.

Generación de estadísticas avanzadas.

Aumentar automatización mediante el uso de base de datos de propuestas antiguas.

Completar la ayuda contextual.

Mejorar gestión del tiempo de sesión.

➔ **v1.0**

INTRO

OBJETIVOS

ROLES Y
ESTADOS

MAINPAGE

GESTIÓN

PROPUESTAS

TAC

RESOLUCIÓN

VALORACIÓN

FUTURO

Futuro



A MEDIO/LARGO PLAZO

Clonar propuestas para su reutilización.

Permitir acceso para la edición a colaboradores.

Automatizaciones varias (ej.: consultar catálogos para obtener coordenadas de objetos)

Completar la parametrización del sistema.

INTRO

OBJETIVOS

ROLES Y
ESTADOS

MAINPAGE

GESTIÓN

PROPUESTAS

TAC

RESOLUCIÓN

VALORACIÓN

FUTURO

OBSERVATORIO CALAR ALTO

The logo for Observatorio Calar Alto is set against a dark blue background with a subtle pattern of white stars. The text 'OBSERVATORIO CALAR ALTO' is rendered in a large, white, bold, sans-serif font. Below the text, there are three white silhouettes of observatory domes, each with a small window or opening at the top. The domes are positioned under the letters 'OBSERVATORIO', 'CALAR', and 'ALTO' respectively.

Departamento de Informática
Enrique de Juan Fernández
edejuan@caha.es
