

IAC's new Time Application interface

The New Improved CAT application (<http://cat.iac.es>)

In a nutshell:

The structure of proposals and their content are **the same as before**; there is only a (big) change in the look and feel. You can still send a proposal in a draft state and modify it until the **deadline**.

The way to copy an old proposal to the current semester has changed: you can skip to [that section directly](#).

Below, you will find some basics about the new interface. But if you want to experience the surprise of the fresh ajax-Java components of the new interface, do not read ahead!

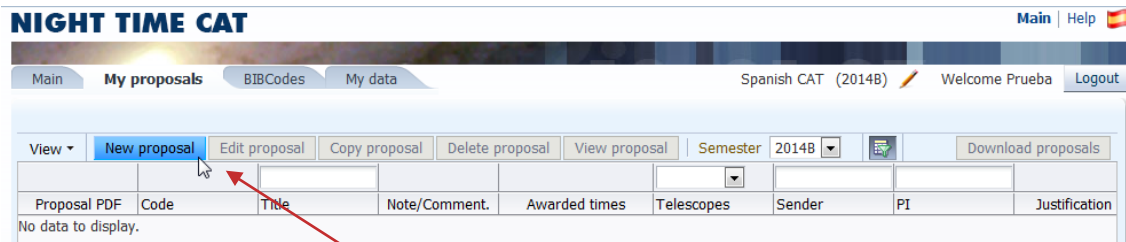
Submitting a proposal:

To make it easier and more user friendly, we have divided the submission of a proposal in a series of steps – what in technical jargon is referred to as a “train”.

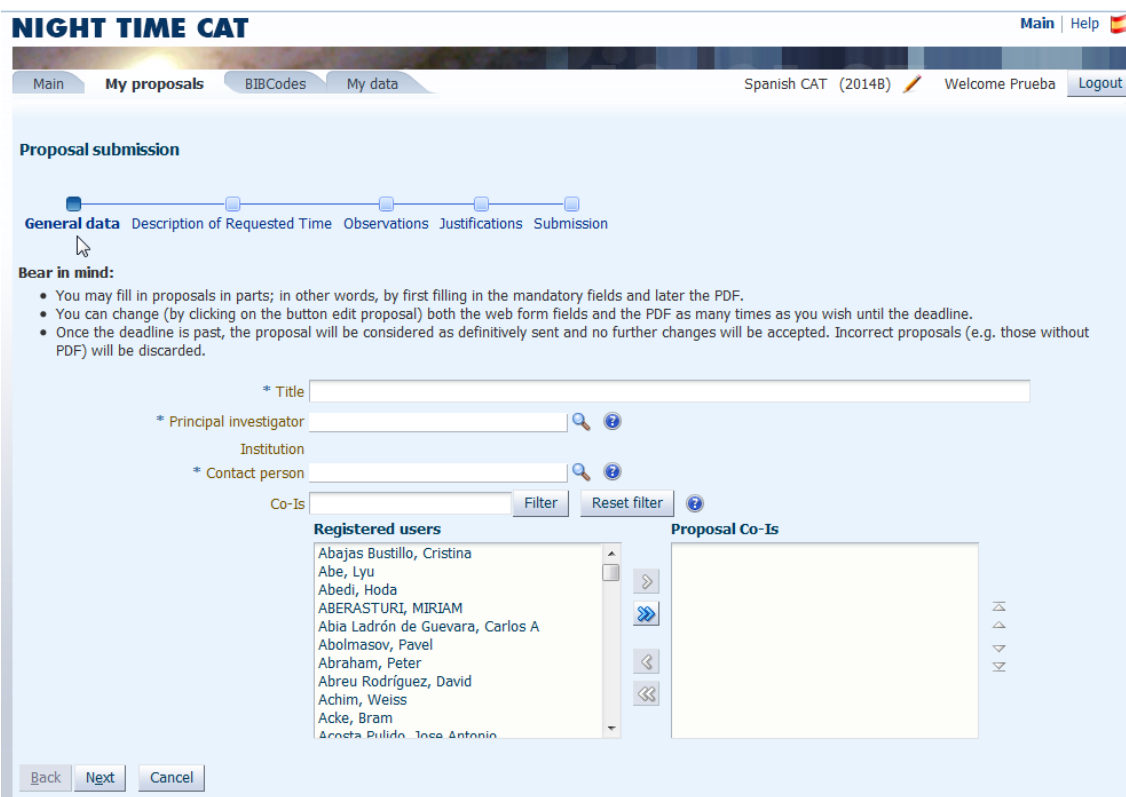


Once you login and select the kind of observing time (**Spanish CAT** is default, other times like GTC Guaranteed or other special agreements can also be selected) you will be presented with the tab **My Proposals**, where the list of your proposals is displayed.

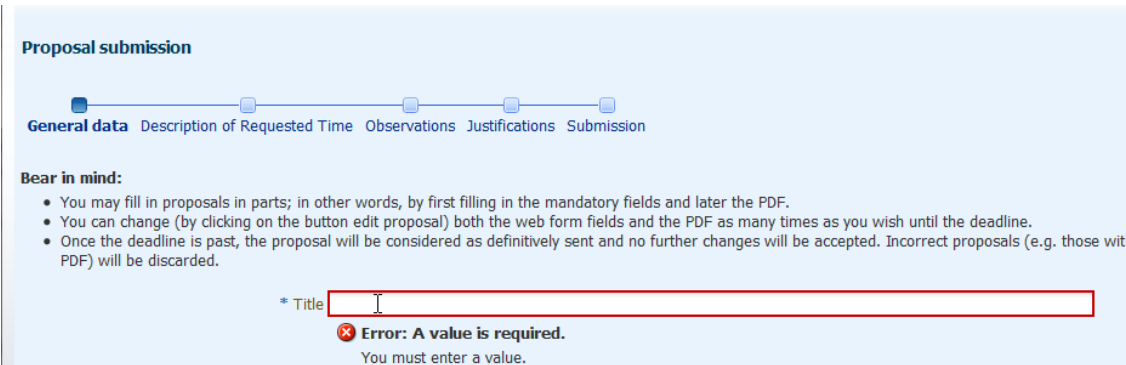
IAC's new Time Application interface



For the new semester, no proposals have been submitted yet, so you can only choose to click on **New proposal**



Here the so-called train starts, and it leads you in fill in all the parts of a proposal. Required fields are marked with an asterisk (*). Until you fill in all required fields you are not allowed to proceed to the next train "stop":



IAC's new Time Application interface

Searchable fields are provided where drop-down lists are present, for example in the PI or CO-I selection drop-downs:

range (by clicking on the button edit proposal) both the web form fields and the PDF as deadline is past, the proposal will be considered as definitively sent and no further changes are discarded.

* Title

* Principal investigator

Institution

* Contact person

PI search

Search

Full name

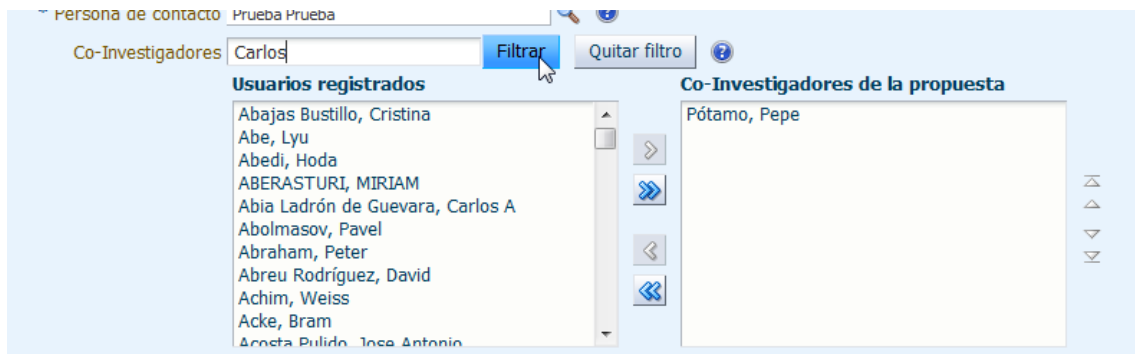
Name	Surname 1	Surname 2
Cristina	Abajas	Bustillo
Lyu	Abe	
Hoda	Abedi	
MIRIAM	ABERASTURI	
Carlos A	Abia	Ladrón de Guevara
Pavel	Abolmasov	
Peter	Abraham	
David	Abreu	Rodríguez
Weiss	Achim	
Bram	Acke	
Jose Antonio	Acosta	Pulido
christophe	adami	
Monika	Adamow	
Vardan	Ardihekvan	

(a double click also selects the value)

Juan Carlos	Suarez	Yanes
Juan Carlos	Tello	Salas
Carlos Luis	Vázquez	Darias
Carlos	Westendorp	Plaza

CO-Is have a more elaborate multi-selection and filterable interface:

IAC's new Time Application interface



The list can be re-ordered at will



The next train stop, **Description of Requested Time**, is straightforward to fill, but bear in mind that some choices will affect the next steps. For instance, if you select *Large Programmes* then you will not be allowed to choose the GTC telescope in the observation runs:

IAC's new Time Application interface

Proposal submission

General data **Description of Requested Time** Observations Justifications Submission

* Abstract

Is it collaboration with GTC time? ?

* Field of research

Is it for a PhD thesis?

Is it a continuation of a programme that has previously been granted time?

Will more time be needed in future semesters?

Large programme proposal? (NOT for GTC) ? No observations will be allowed for the GTC telescope

* Number of semesters it spans

- Choose one --
- 2 semesters
- 3 semesters
- 4 semesters
- Until completion

In the **Observations** stop of the train as many observing runs as desired can be added

Proposal submission

General data Description of Requested Time **Observations** Justifications Submission

Bear in mind:

- Depending on the type of time you may be able to choose only some specific telescopes.
- You may include multiple Telescope/Instrument combinations per proposal, bearing in mind the restriction expressed in the

View ▾ **New observation** Edit observation Delete observation Copy observation Detach

Telescope	Instrument	Secondary instrument	Instrumental configuration	Optimum dates	Impossible dates

IAC's new Time Application interface

The screenshot shows the 'Observation' tab of the IAC Time Application interface. A dropdown menu is open for the '* Telescope' field, listing several options: Gran Telescopio Canarias, Isaac Newton Telescope (highlighted), Liverpool Telescope, Mercator, Nordic Optical Telescope, Telescopio Nazionale Galileo, Telescopio Stella, and William Herschel Telescope. Other fields include 'Instrument', 'Secondary instrument', 'Visiting instrument', and '* Instrumental configuration'. Below these are sections for 'Optimum dates' and 'Impossible dates', each with 'Initial date' and 'End date' input fields and 'Add date'/'Remove date' buttons. The interface includes 'OK' and 'Cancel' buttons at the bottom right.

Note also how the interface changes to adapt to the selected items:

This screenshot shows the 'Observation' tab after the 'Isaac Newton Telescope' has been selected. The '* Telescope' dropdown now displays 'Isaac Newton Telescope'. The '* Instrument' dropdown menu is open, showing 'IDS' (highlighted) and 'WFC'. A tooltip for 'IDS' reads 'Intermediate dispersion spectrograph'. The interface also shows a 'Shots' checkbox, '* Nights' input field, '* Fraction' dropdown, and '* Type of night' dropdown. The 'Optimum dates' and 'Impossible dates' sections remain visible at the bottom. The interface includes 'OK' and 'Cancel' buttons at the bottom right.

IAC's new Time Application interface

The rest of the fields are as usual,

proposal submission

Observation

In a **large programme proposal**, you must specify the amount of time for that particular semester. The time assignment shall be done each semester. The proposal will be valid during as many semesters as specified.

This telescope only accepts full or half-nights. HOURS can only be solicited for Shots (Target of Opportunity).

* Telescope Isaac Newton Telescope * Instrument IDS

Secondary instrument Visiting instrument

* Instrumental configuration instrumental conf.

Shots

* Nights 1 * Fraction Full * Type of night

Optimum dates

Individual date Date range

Initial date End date Add date Remove date

Impossible dates

Grey date Date range

Initial date End date Add date Remove date

OK Cancel

except for the dates, that must be added (**Add date**) to enable for periods to be indicated:

* Nights 1 * Fraction Full * Type of night

Optimum dates

Individual date Date range

Initial date End date Add date

Impossible dates

Individual date Date range

Initial date End date Add date

September 2014

SUN	MON	TUE	WED	THU	FRI	SAT
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	1	2	3	4

Next Cancel

IAC's new Time Application interface

Shots ?

* Nights * Fraction * Type of night

Optimum dates

Individual date Date range

Initial date ?

End date

Proposal submission

Observation

In a **large programme proposal**, you must specify the amount of time for that particular semester. The time assignment shall be done each semester. The proposal will be valid during as many semesters as specified.

This telescope only accepts full or half-nights. HOURS can only be solicited for Shots (Target of Opportunity).

* Telescope * Instrument

Secondary instrument Visiting instrument

* Instrumental configuration ?

Shots ?

* Nights * Fraction * Type of night

Optimum dates

Individual date Date range

Initial date ?

End date ?

Impossible dates

Individual date Date range

Initial date ?

End date ?

If any field is missing it is marked in red:

IAC's new Time Application interface

Observation

In a **large programme proposal**, you must specify the amount of time for that particular semester. The time assignment shall be done each semester. The proposal will be valid during as many semesters as specified.

This telescope only accepts full or half-nights. HOURS can only be solicited for Shots (Target of Opportunity).

* Telescope * Instrument

Secondary instrument Visiting instrument

* Instrumental configuration

Shots ?

* Nights * Fraction * Type of night **Error: A selection is required.**
You must make a selection.

Optimum dates
 Individual date Date range
 Initial date
 End date

Impossible dates
 Individual date Date range
 Initial date
 End date

Main **My proposals** BIBCodes My data Spanish CAT (2014B) Welcome Prueba Logout

Proposal submission

General data Description of Requested Time **Observations** Justifications Submission

Bear in mind:

- Depending on the type of time you may be able to choose only some specific telescopes.
- You may include multiple Telescope/Instrument combinations per proposal, bearing in mind the restriction expressed in the previous point.

View

Telescope	Instrument	Secondary instrument	Instrumental configuration	Optimum dates	Impossible dates
Isaac Newton	Teles IDS		instrumental conf.	20140901	

Isaac Newton Telescope

Telescope Isaac Newton Telescope Optimum dates 20140901
 Instrument IDS Impossible dates
 Secondary instrument
 Instrumental configuration instrumental conf. Shots —
 Nights 1
 Fraction Full
 Type of night Any

Many observations can be added in the same way although only one is strictly necessary.

In the final **Justifications** stop of the train the PDF with the scientific justification should be added. As in the previous application, it can be added now or at a later stage

IAC's new Time Application interface

Proposal submission

General data Description of Requested Time Observations **Justifications** Submission

Impossible dates justification

Comments

Proposal PDF Examinar... No se ha seleccionado ningún archivo. Show PDF... (0KB)

No se ha seleccionado ningún archivo.

Before it can be submitted a general overview is presented, if there are inconsistencies they will be marked in red, and the proposal cannot be submitted

Main My proposals BIBCodes My data Spanish CAT (2014B) Welcome Prueba Logout

Proposal submission

General data Description of Requested Time Observations Justifications **Submission**

Bear in mind:

- You may fill in proposals in parts; in other words, by first filling in the mandatory fields and later the PDF.
- You can change (by clicking on the button edit proposal) both the web form fields and the PDF as many times as you wish until the deadline.
- Once the deadline is past, the proposal will be considered as definitively sent and no further changes will be accepted. Incorrect proposals (e.g. those without PDF) will be discarded.

Proposal errors

General data

- PI can not be co-investigator

General data

Title Title of the proposal

Principal investigator Carlos Westendorp Plaza

Institution Konkoly Observatory

Contact person Prueba Prueba

Co-Is Pótamo, Pepe; Westendorp Plaza, Carlos

Description of Requested Time

Abstract Abstract describing the proposal

Is it collaboration with GTC time? —

Field of research [1]Estructura del Universo y Cosmología

Back Next Cancel

Once corrected, a proposal can be saved, and modified until the deadline.

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Proposal submission

General data Description of Requested Time Observations Justifications **Submission**

Bear in mind:

- You may fill in proposals in parts; in other words, by first filling in the mandatory fields and later the PDF.
- You can change (by clicking on the button edit proposal) both the web form fields and the PDF as many times as you want.
- Once the deadline is past, the proposal will be considered as definitively sent and no further changes will be accepted. The PDF will be discarded.

General data


Title Title of the proposal
Principal investigator Carlos Westendorp Plaza
Institution Konkoly Observatory
Contact person Prueba Prueba
Co-Is Pótamo, Pepe

Description of Requested Time

Abstract Abstract describing the proposal



Is it collaboration with GTC time?
Field of research [1]Estructura del Universo y Cosmología
Is it a continuation of a programme that has previously been granted time?
Is it for a PhD thesis?
Will more time be needed in future?

All proposals are listed in the **My proposals** tab

NIGHT TIME CAT Main | Help 

Main **My proposals** BIBCodes My data Spanish CAT (2014B) Welcome Prueba

View Semester 2014B

Proposal PDF	Code	Title	Note/Comment.	Awarded times	Telescopes	Sender	PI	Justification
		Title of the propos			INT	Prueba J. Doe	Carlos Westendor	

And can be edited, copied or viewed selecting each one.

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Copying proposals:

Proposals can be copied from any semester to the present one by just selecting the desired proposal. For example, go to a past semester:

The screenshot shows the top navigation bar with 'Main | Help' and a Spanish flag. Below it, the user is logged in as 'Prueba1' and the current semester is 'Spanish TAC (2013B)'. A 'Download proposals' button is visible. The main table has a 'Semester' dropdown menu set to '2013B'. A mouse cursor is hovering over the '2010B' option in the dropdown menu. The table below shows a list of proposals with columns for 'Awarded times', 'Telescopes', 'PI', and 'Justification'.

mmen	Awarded times	Telescopes	PI	Justification
		INT		
		INT		
		GTC		
		NOT		
		WHT		
		GTC		

then selecting the proposal:

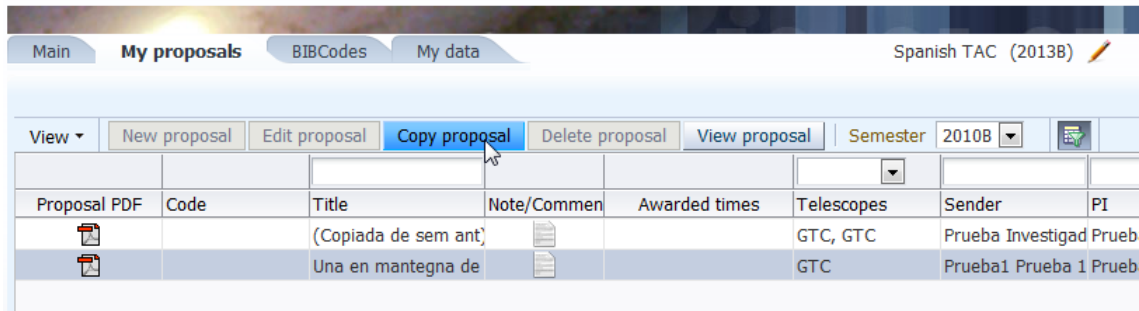
The screenshot shows the 'My proposals' section. The 'Semester' dropdown is now set to '2010B'. The table below shows a list of proposals. The proposal 'Una en mantegna de' is selected, and a tooltip is visible over it.

Proposal PDF	Code	Title	Note/Commen	Awarded times	Telescopes	Sender
		(Copiada de sem ant)			GTC, GTC	Prueba Inve
		Una en mantegna de			GTC	Prueba1 Pri

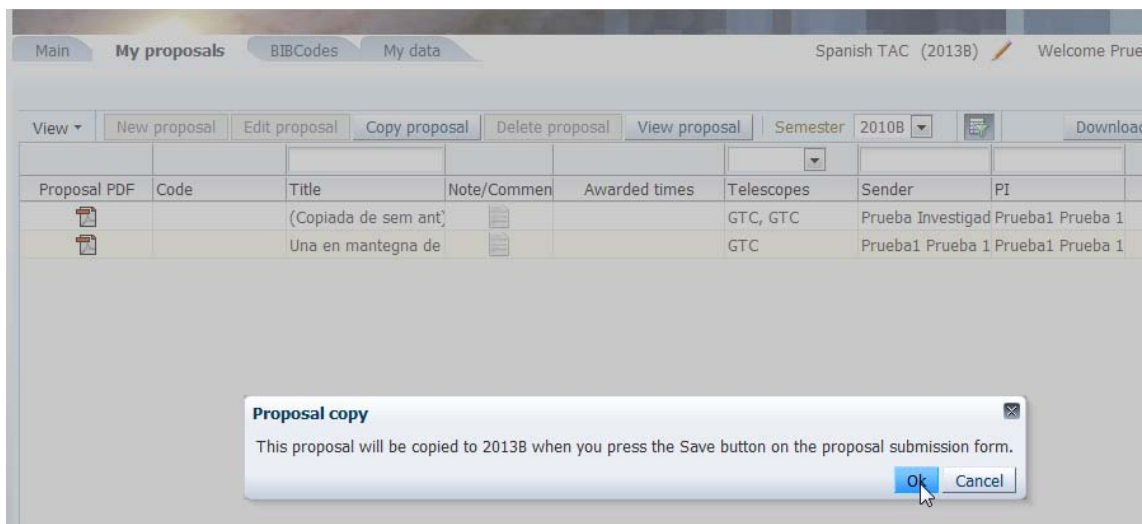
Una en mantegna de Maguila (ahora en Weblogic).

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The **Copy proposal** button will then get activated:



When clicking on the button and accepting the pop-up that says valuable info:



Then you are sent to the first stop of the train for the current semester and all the data from the older proposal will be imported into a new one:

IAC's new Time Application interface

Proposal submission

General data Description of Requested Time Observations Justifications Submission

Bear in mind:

- You may fill in proposals in parts; in other words, by first filling in the mandatory fields and later the PDF.
- You can change (by clicking on the button edit proposal) both the web form fields and the PDF as many times as you wish until the deadline.
- Once the deadline is past, the proposal will be considered as definitively sent and no further changes will be accepted. Incorrect proposals (e.g. those without PDF) will be discarded.

* Title

* Principal investigator

Institution

* Contact person

Co-Is

Registered users

Abajas Bustillo, Cristina L.
Abia Ladrón de Guevara, Carlos
Abraham, Peter L.
Abreu Rodríguez, David L.
Acke, Bram
Acosta Pulido, Jose Antonio
Aerts, Conny
Affer, Laura
Afonso Luis, Alejandro
Agnoletto, Irene
Amado Rodriguez, Ivan

Proposal Co-Is

You may follow the train, changing the desired data, or go directly to the end to send it:

Proposal submission

General data Description of Requested Time Observations Justifications Submission

Bear in mind:

- You may fill in proposals in parts; in other words, by first filling in the mandatory fields and later the PDF.
- You can change (by clicking on the button edit proposal) both the web form fields and the PDF as many times as you wish until the deadline.
- Once the deadline is past, the proposal will be considered as definitively sent and no further changes will be accepted. Incorrect proposals (e.g. those without PDF) will be discarded.

* Title

* Principal investigator

Institution

* Contact person

Co-Is

Unvisited Step: Submission

IAC's new Time Application interface

Proposal submission

General data Description of Requested Time Observations Justifications **Submission**

Bear in mind:

- You may fill in proposals in parts; in other words, by first filling in the mandatory fields and later the PDF.
- You can change (by clicking on the button edit proposal) both the web form fields and the PDF as many times as you want.
- Once the deadline is past, the proposal will be considered as definitively sent and no further changes will be discarded.

General data

Title Una en mantegna de Maguila (ahora en Weblogia).
Principal investigator Prueba1 Prueba 1
Institution Villafranca Satellite Tracking Station
Contact person Prueba1 Prueba 1
Co-Is

Description of Requested Time

Abstract Un resumen.

Is it collaboration with GTC time?

Field of research [1]Estructura del Universo y Cosmología

Is it a continuation of a programme that has previously been granted time?

Related proposals

Code	Description
100 222/000	Una relación con la del 000 por Maguila

Back Next Cancel **Save proposal**

It is important to **Save** the proposal, as until then no data is saved to the database!

BIBcodes: the power of tabs

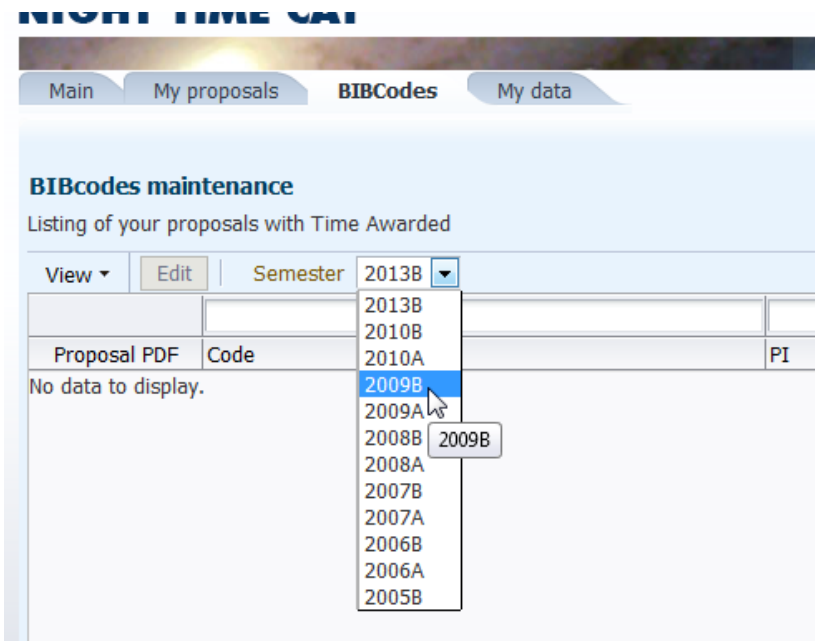
In order to fill in the bibliographical references for past observations, check for the **BIBCodes** tab:

NIGHT TIME CAT

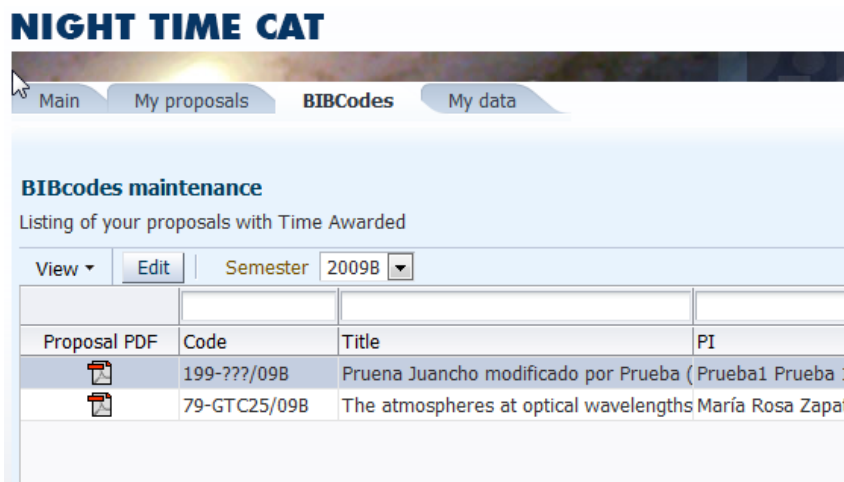
Main My proposals **BIBCodes** My data

IAC's new Time Application interface

By choosing a specific semester, it will take you to the past proposals and you will be able to assign Comments and Bibliographical Codes to any proposal:

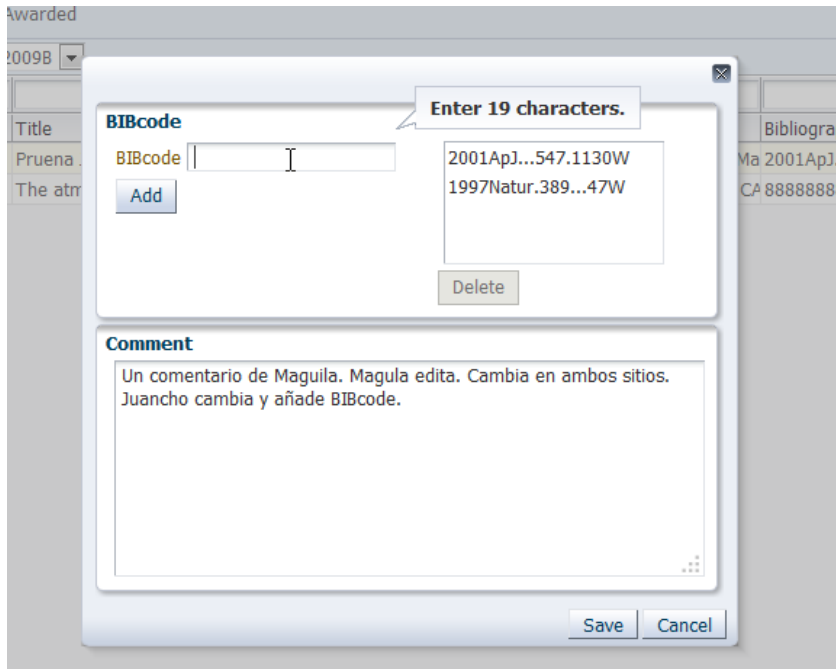


Double-clicking (or selecting and editing, if you like it the slow way)



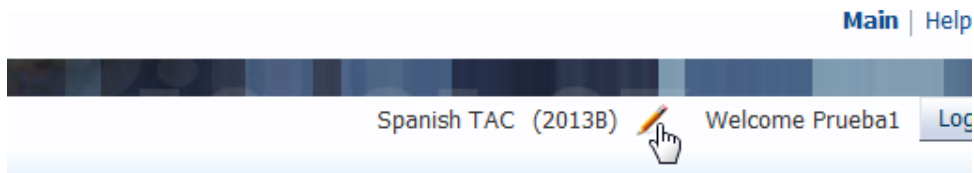
Takes you to a pop-up to fill in the data:

IAC's new Time Application interface



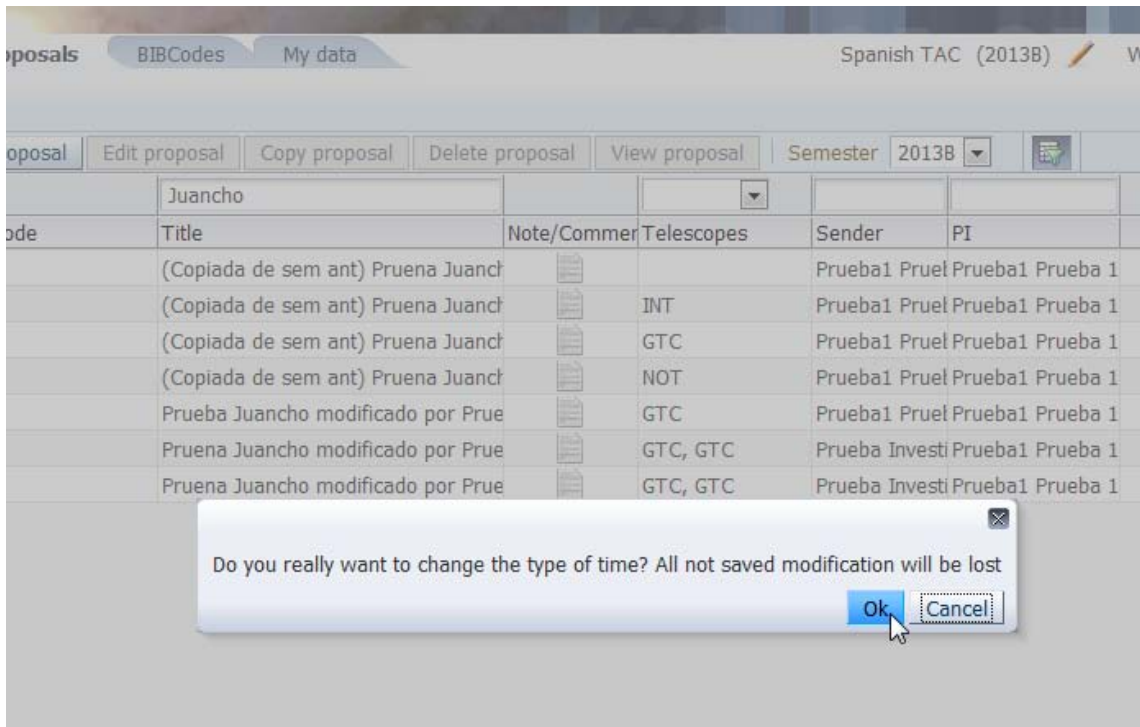
Changing the type of time

If you want to send proposals to a different TAC, such as for instance the GTC Guaranteed Time, you can change it by clicking on the pencil button:

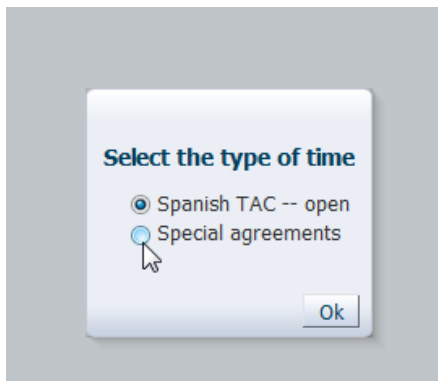


After the usual pop-up

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You will be able to change the type of time:



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Select the type of time

Spanish TAC -- open
 Special agreements

Types of time

OSIRIS Guaranteed Time -- closed -- evaluating proposals
 CanariCam Guaranteed Time -- open
 Joint IAC/Méx Time -- open
 Joint IAC/UF Time -- closed -- see awarded times
 TAC Mexico -- closed -- evaluating proposals
 TAC Florida -- closed -- evaluating proposals

Ok

And continue with the submission of the proposal as described above

CanariCam Guaranteed Time (2010B) Welcome Prue

View proposal | Semester 2010B | Download

Other ajax-component goodies:

The power of the adopted framework (ADF – Application Development Framework from Oracle) is that allows you to do many kind of actions on a web form such as:

- Reordering the columns: drag and drop an entire column to its new place

IAC's new Time Application interface

Note/Comment.	Awarded times	Telescopes	Sender
			Prueba1 Pru
			Prueba1 Pru
			Prueba1 Pru
			Prueba1 Pru
		INT	Prueba1 Pru
		INT	Prueba1 Pru
		GTC	Prueba1 Pru
		NOT	Prueba1 Pru
		WHT	Prueba Inve
		GTC	Prueba Inve
		GTC	
		GTC, GTC	
		GTC, GTC	

- *Search within columns*: each column has an input box to make it searchable

Proposal PDF	Code	Title	Note/Comment	Awarded times	Telescopes	Sender	PI
		Una en mantegna de Maguila (ahora				Prueba1 Prueba 1 Pr	
		(Copiada de sem ant) Pruena Juanch				Prueba1 Prueba 1 Pr	
		copiada por Prueba de Semestre ant			INT	Prueba1 Prueba 1 Vo	
		(Copiada de sem ant) Pruena Juanch			INT	Prueba1 Prueba 1 Pr	
		(Copiada de sem ant) Pruena Juanch			GTC	Prueba1 Prueba 1 Pr	
		(Copiada de sem ant) Pruena Juanch			NOT	Prueba1 Prueba 1 Pr	
		Una en mantegna de Maguila (ahora			WHT	Prueba1 Prueba 1 Pr	
		Una en mantegna de Maguila (ahora			GTC	Prueba1 Prueba 1 Pr	
		Prueba Juancho modificado por Prue			GTC	Prueba1 Prueba 1 Pr	
		Pruena Juancho modificado por Prue			GTC, GTC	Prueba Investigad Pr	
		Pruena Juancho modificado por Prue			GTC, GTC	Prueba Investigad Pr	

- *Sort columns*: an arrow icon lets you sort direct or inversely:

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Spanish TAC (2013B)

Proposal View proposal Semester 2013B

Note/Commer	Awarded times	Telescopes	Sender	PI
			Prueba1 Prue	Prue
		INT	Prueba1 Prue	Prue
		GTC	Prueba1 Prue	Prue
		NOT	Prueba1 Prue	Prue
		GTC	Prueba1 Prue	Prue
		GTC, GTC	Prueba Investi	Prue
		GTC, GTC	Prueba Investi	Prue

- *Hide columns:* clicking on the **View** tab allows you to personalize the page:

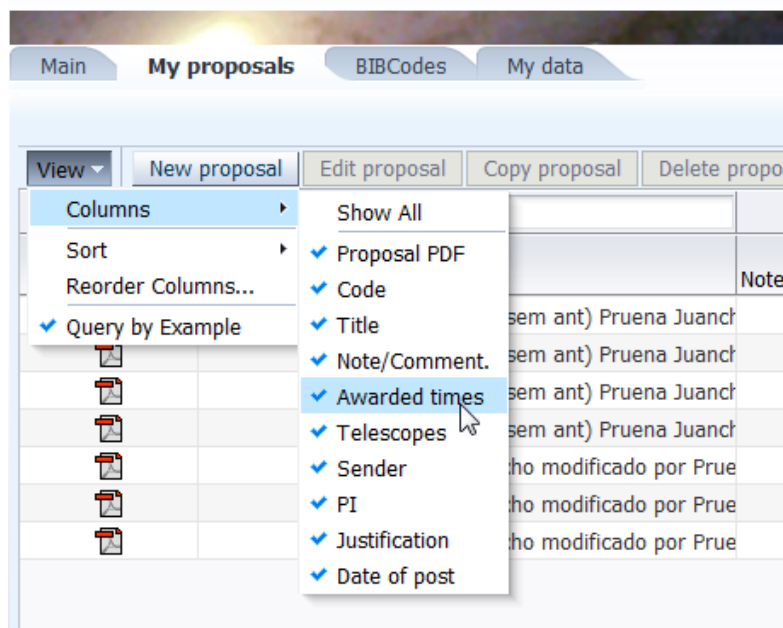
NIGHT TIME CAT

Main My proposals BIBCodes My data

View New proposal Edit proposal Copy proposal Delete proposal View propo

Proposal PDF	Code	Title	Note/Commer	Award time:
		(Copiada de sem ant) Pruena Juanch		
		(Copiada de sem ant) Pruena Juanch		
		(Copiada de sem ant) Pruena Juanch		
		(Copiada de sem ant) Pruena Juanch		
		Prueba Juancho modificado por Prue		
		Pruena Juancho modificado por Prue		
		Pruena Juancho modificado por Prue		

IAC's new Time Application interface



...and many more you will experiment by yourself.

Hope that this documents has helped you! Any comments to the CAT Secretariat (catsec@iac.es)

Other tabs: (ONLY FOR THE CAT MEMBERS)

(NOTE: If you are not a Telescope Technician, Vocal to the CAT process or Administer to any of the other types of times, this does not apply to you!)

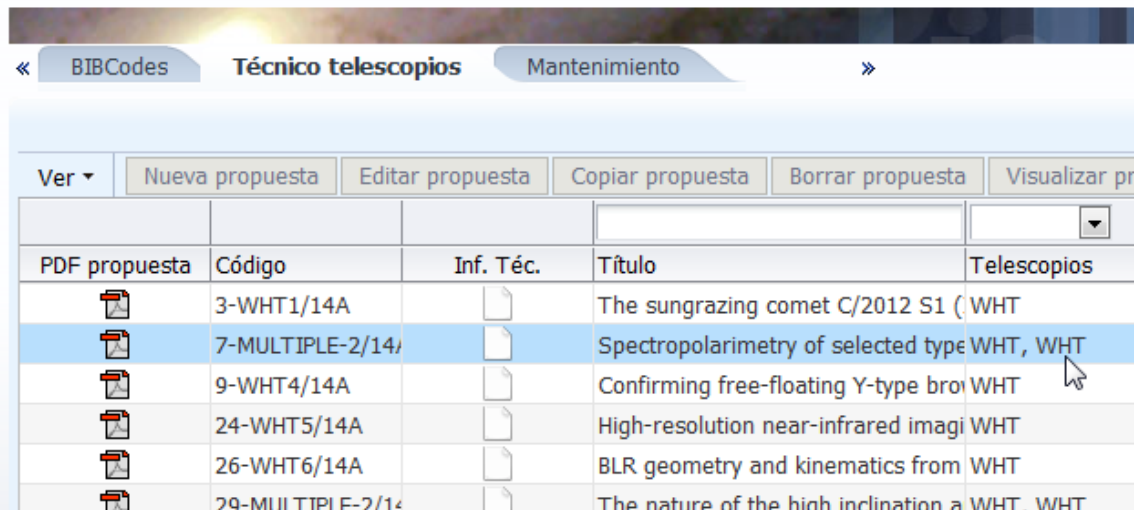
If you just need to submit a proposal, the following is not relevant to you. If you instead have additional tasks, they will be accomplished by accessing other tabs. For instance, for a Technician:



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And you will see all proposals that have been submitted to the telescopes you are responsible of:

CAT NOCTURNO



The screenshot shows the CAT NOCTURNO application interface. At the top, there are navigation tabs: « BIBCodes Técnico telescopios Mantenimiento ». Below the tabs, there is a toolbar with buttons: Ver ▾, Nueva propuesta, Editar propuesta, Copiar propuesta, Borrar propuesta, and Visualizar pr. The main content is a table with the following columns: PDF propuesta, Código, Inf. Téc., Título, and Telescopios. The table contains several rows of proposal data.

PDF propuesta	Código	Inf. Téc.	Título	Telescopios
	3-WHT1/14A		The sungrazing comet C/2012 S1	WHT
	7-MULTIPLE-2/14		Spectropolarimetry of selected type	WHT, WHT
	9-WHT4/14A		Confirming free-floating Y-type bro	WHT
	24-WHT5/14A		High-resolution near-infrared imagi	WHT
	26-WHT6/14A		BLR geometry and kinematics from	WHT
	29-MULTIPLE-2/14		The nature of the high inclination a	WHT, WHT

The tabs **Main**, **My Proposals**, **BIBCodes** and **My Data** always show up, as everybody can send proposals or change their own data as a standard scientist.

Note about the change in the application

Migrating to this new technology not only gives it a new look and improves usability, but there is a profound conceptual change behind it. First, it permits our development team to implement changes easier and more quickly than in the previous version of the software. Then, it is cost effective as has implied to migrate to a non-licenced open source project application server.