

APT

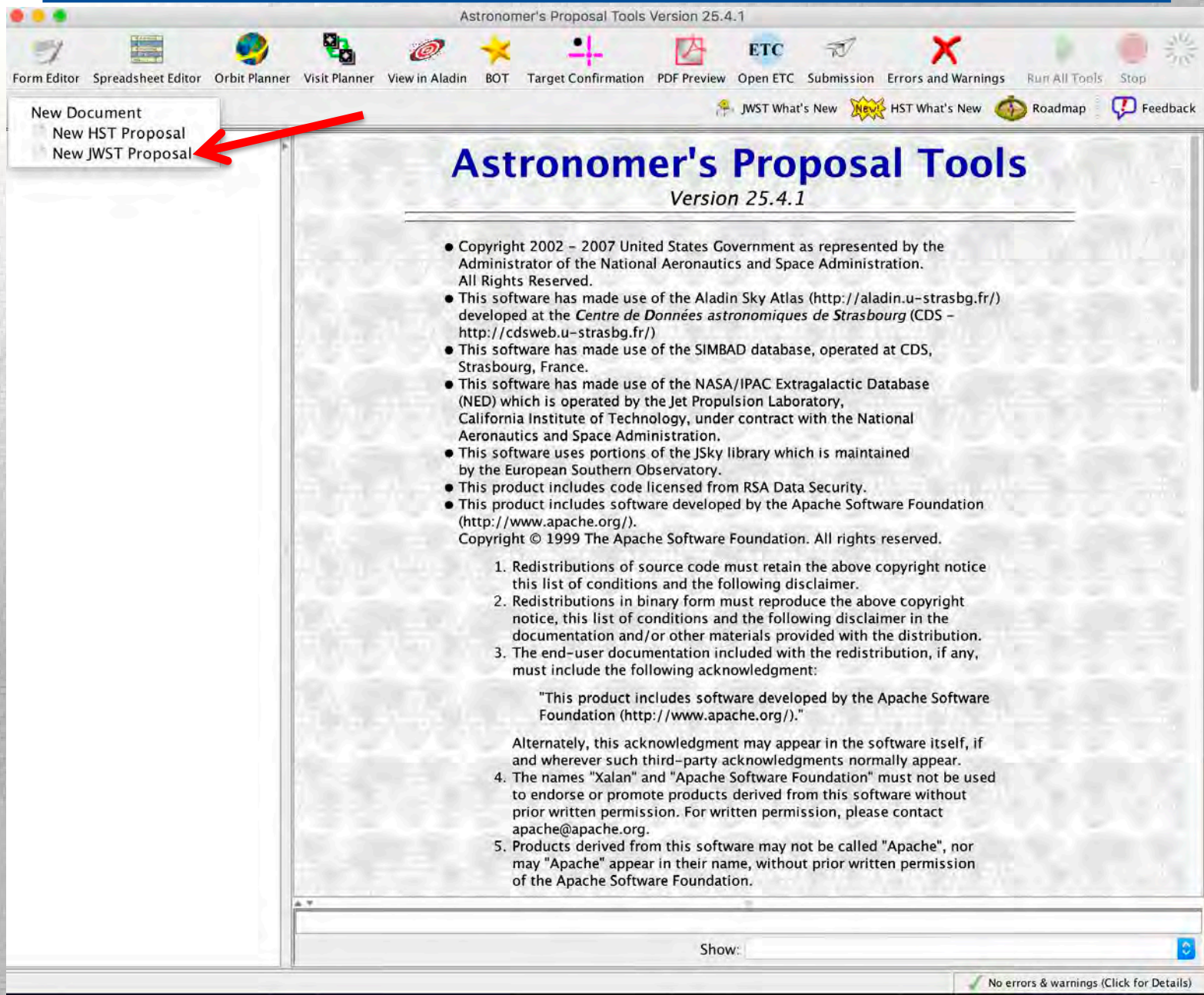
APT Installation

- APT 2020.1 should have been installed prior to this workshop.
- If anyone still needs help with installation, please let us know.

- Presentation / Demo
- Exercise

- HST
 - Phase 1 and phase 2 submissions
 - Time allocated in integer orbits
 - Absolute time schedule
- JWST
 - Single stream submission
 - Time allocated in decimal hours
 - Event driven schedule

New JWST Proposal



Astronomer's Proposal Tools Version 25.4.1

Form Editor Spreadsheet Editor Orbit Planner Visit Planner View in Aladin BOT Target Confirmation PDF Preview Open ETC Submission Errors and Warnings Run All Tools Stop

New Document
 New HST Proposal
 New JWST Proposal

Astronomer's Proposal Tools

Version 25.4.1

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- This software has made use of the Aladin Sky Atlas (<http://aladin.u-strasbg.fr/>) developed at the *Centre de Données astronomiques de Strasbourg* (CDS – <http://cdsweb.u-strasbg.fr/>)
- This software has made use of the SIMBAD database, operated at CDS, Strasbourg, France.
- This software has made use of the NASA/IPAC Extragalactic Database (NED) which is operated by the Jet Propulsion Laboratory, California Institute of Technology, under contract with the National Aeronautics and Space Administration.
- This software uses portions of the JSky library which is maintained by the European Southern Observatory.
- This product includes code licensed from RSA Data Security.
- This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>).

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Show:

No errors & warnings (Click for Details)

Proposal Information

Astronomer's Proposal Tools Version 27.3.1 JWST PRD: PRDOPSSOC-M-025 - JWST Draft Proposal (Unsaved)

Form Editor | Spreadsheet Editor | Orbit Planner | Visit Planner | Timeline | View in Aladin | BOT | Target Confirmation | PDF Preview | Submission | Errors and Warnings | Run All Tools | Stop

New JWST Proposal | New Co-I | What's New | Roadmap | Feedback

Proposal Information of JWST Draft Proposal (Unsaved)

Title

Abstract

Remaining characters: 1700

Proposal ID

Category Calibration Treasury

Pure Parallel Proposal

Cycle
▶ Explain unschedulable observations

Science Time (hours)

Charged Time (hours)

Data Volume (MB)
▶ Request custom time allocation
▶ Future cycles

Proposal Size

Exclusive Access Period Default is 12 Months

Allow Restricted (this session only)

Scientific Category

Science Keywords
Choose 2 to 5 science keywords.

Alternate Category (Optional)

PDF Attachment

STScI Only PPS DB Overrides
Edit PPS DB Overrides... Overrides: None

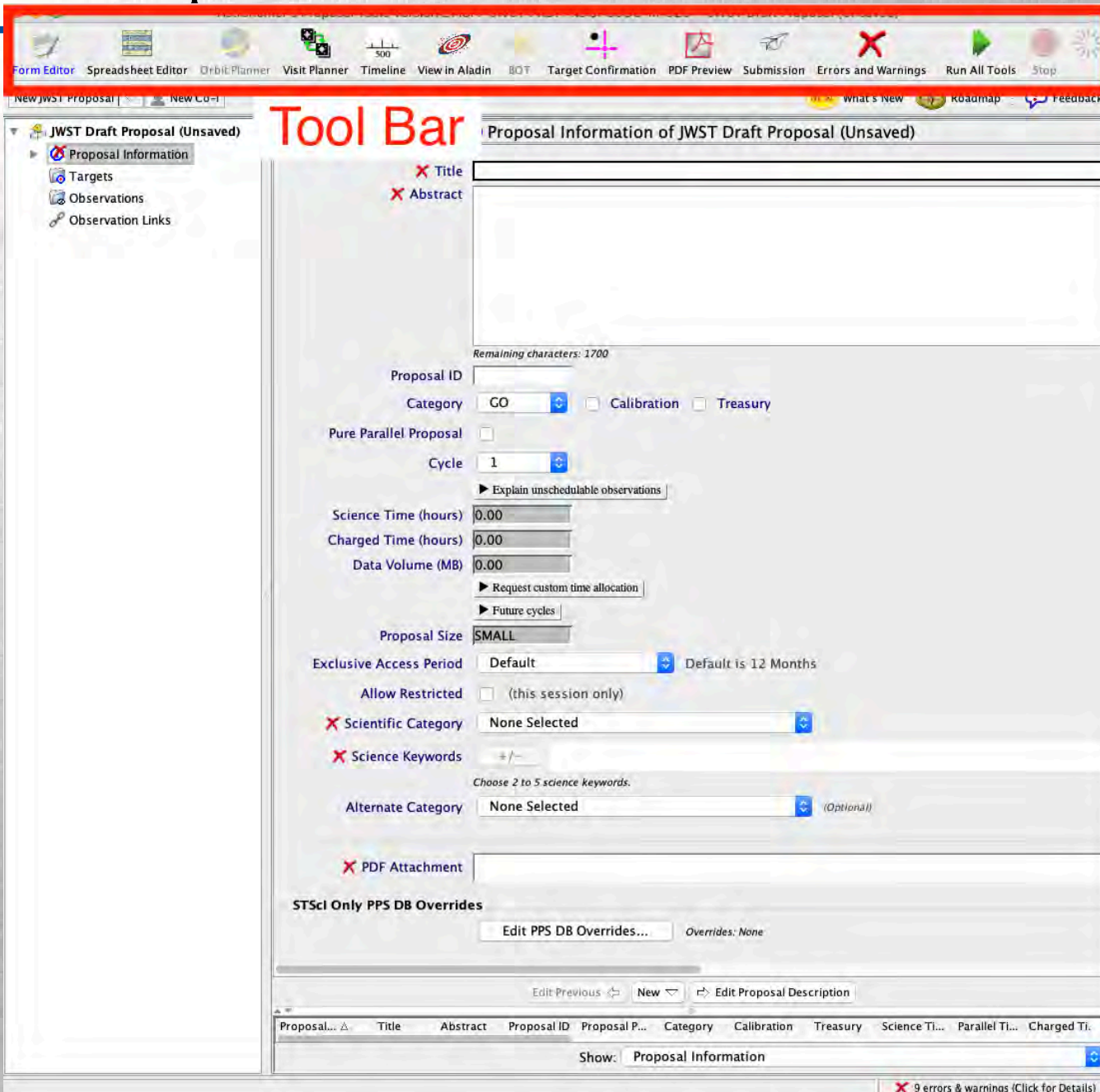
Edit Previous | New | Edit Proposal Description

Proposal...	Title	Abstract	Proposal ID	Proposal P...	Category	Calibration	Treasury	Science Ti...	Parallel Ti...	Charged Ti...
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Show: Proposal Information

9 errors & warnings (Click for Details)

Proposal Information – GUI Sections



The screenshot displays the JWST Draft Proposal GUI. A red box highlights the top toolbar containing various application tools. The main window is titled "Proposal Information of JWST Draft Proposal (Unsaved)".

Tool Bar: Form Editor, Spreadsheet Editor, Orbic Planner, Visit Planner, Timeline, View in Aladin, BOT, Target Confirmation, PDF Preview, Submission, Errors and Warnings, Run All Tools, Stop.

Proposal Information Section:

- Title:** [Red X icon]
- Abstract:** [Red X icon]
- Remaining characters:** 1700
- Proposal ID:** [Text input field]
- Category:** GO [Dropdown] Calibration Treasury
- Pure Parallel Proposal:**
- Cycle:** 1 [Dropdown]
- Science Time (hours):** 0.00 [Text input]
- Charged Time (hours):** 0.00 [Text input]
- Data Volume (MB):** 0.00 [Text input]
- Buttons:** Explain unschedulable observations, Request custom time allocation, Future cycles
- Proposal Size:** SMALL [Dropdown]
- Exclusive Access Period:** Default [Dropdown] (Default is 12 Months)
- Allow Restricted:** (this session only)
- Scientific Category:** [Red X icon] None Selected [Dropdown]
- Science Keywords:** [Red X icon] +/- [Text input]
- Alternate Category:** None Selected [Dropdown] (Optional)
- PDF Attachment:** [Red X icon] [Text input]
- STScI Only PPS DB Overrides:** Edit PPS DB Overrides... Overrides: None
- Navigation:** Edit Previous, New, Edit Proposal Description

Table:

Proposal...	Title	Abstract	Proposal ID	Proposal P...	Category	Calibration	Treasury	Science Ti...	Parallel Ti...	Charged Ti...
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Show: Proposal Information [Dropdown]

Errors: 9 errors & warnings (Click for Details)

Proposal Information – GUI Sections

Astronomer's Proposal Tools Version 27.3.1 JWST PRD: PRDOPSSOC-M-025 – JWST Draft Proposal (Unsaved)

Form Editor | Spreadsheet Editor | Orbit Planner | Visit Planner | Timeline | View in Aladin | BOT | Target Confirmation | PDF Preview | Submission | Errors and Warnings | Run All Tools | Stop

New JWST Proposal | New Co-I | What's New | Roadmap | Feedback

JWST Draft Proposal (Unsaved)

- Proposal Information
- Targets
- Observations
- Observation Links

Tree Editor

Proposal Information of JWST Draft Proposal (Unsaved)

Title

Abstract

Remaining characters: 1700

Proposal ID

Category Calibration Treasury

Pure Parallel Proposal

Cycle [▶ Explain unschedulable observations](#)

Science Time (hours)

Charged Time (hours)

Data Volume (MB) [▶ Request custom time allocation](#) [▶ Future cycles](#)

Proposal Size

Exclusive Access Period Default is 12 Months

Allow Restricted (this session only)

Scientific Category

Science Keywords [▶ Request custom time allocation](#) [▶ Future cycles](#)

Choose 2 to 5 science keywords.

Alternate Category (Optional)

PDF Attachment

STScI Only PPS DB Overrides

[Edit PPS DB Overrides...](#) Overrides: None

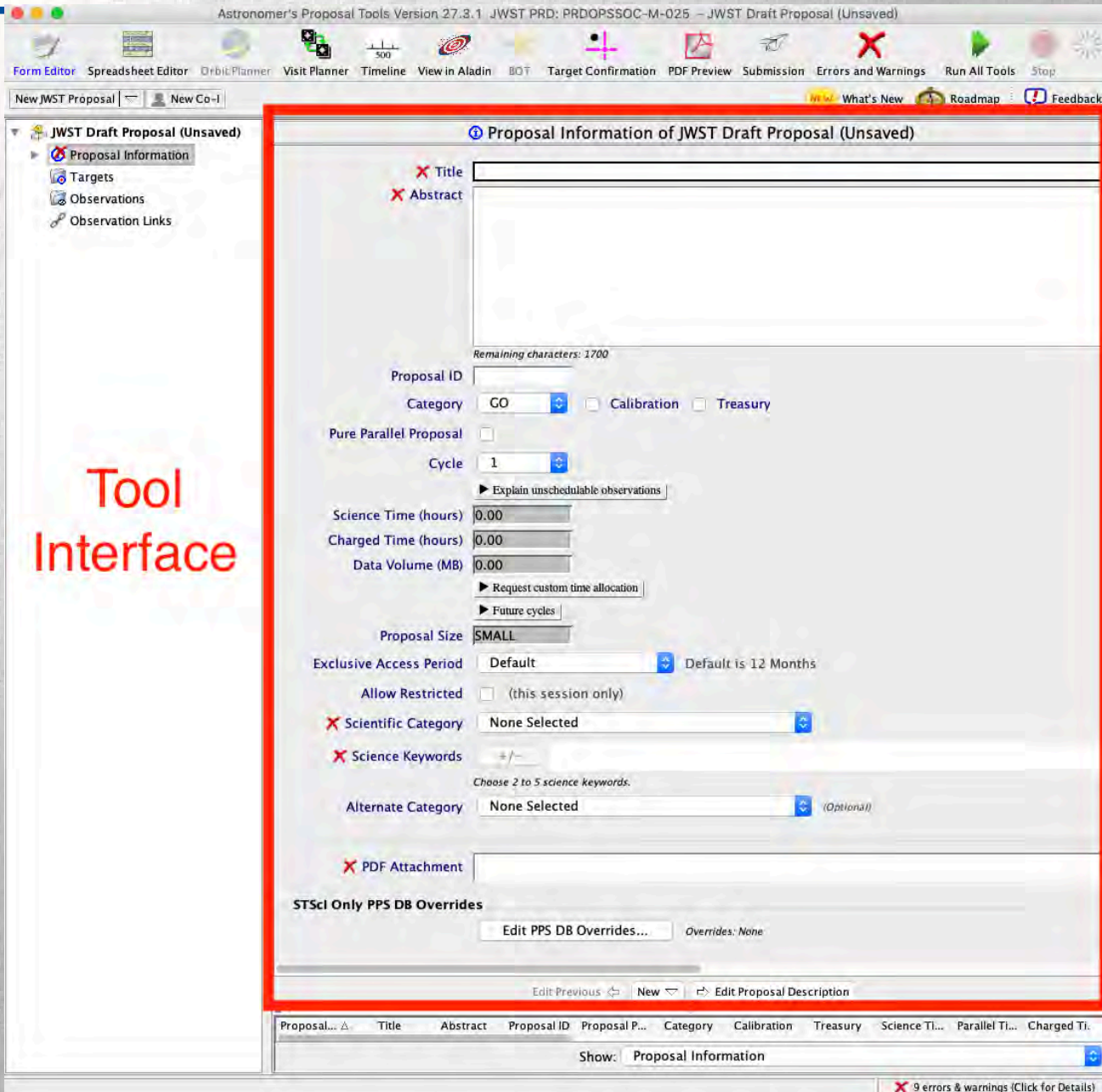
[Edit Previous](#) [New](#) [Edit Proposal Description](#)

Proposal...	Title	Abstract	Proposal ID	Proposal P...	Category	Calibration	Treasury	Science Ti...	Parallel Ti...	Charged Ti...
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Show:

9 errors & warnings (Click for Details)

Proposal Information – GUI Sections



The screenshot displays the 'Astronomer's Proposal Tools' interface. The main window is titled 'Proposal Information of JWST Draft Proposal (Unsaved)'. The interface includes a sidebar on the left with a tree view containing 'Proposal Information', 'Targets', 'Observations', and 'Observation Links'. The main content area is divided into several sections:

- Title** and **Abstract**: Text input fields, both marked with a red 'X' icon.
- Proposal ID**: A text input field.
- Category**: A dropdown menu set to 'GO', with checkboxes for 'Calibration' and 'Treasury'.
- Pure Parallel Proposal**: A checkbox.
- Cycle**: A dropdown menu set to '1', with a link to 'Explain unschedulable observations'.
- Science Time (hours)**, **Charged Time (hours)**, and **Data Volume (MB)**: Input fields, all set to '0.00'.
- Proposal Size**: A dropdown menu set to 'SMALL'.
- Exclusive Access Period**: A dropdown menu set to 'Default', with a note 'Default is 12 Months'.
- Allow Restricted**: A checkbox with the text '(this session only)'. Below it, a red 'X' icon is next to the **Scientific Category** dropdown, which is set to 'None Selected'.
- Science Keywords**: A text input field with a red 'X' icon. Below it, a note says 'Choose 2 to 5 science keywords.'.
- Alternate Category**: A dropdown menu set to 'None Selected', with '(Optional)' to its right.
- PDF Attachment**: A text input field with a red 'X' icon.
- STScI Only PPS DB Overrides**: A section with an 'Edit PPS DB Overrides...' button and the text 'Overrides: None'.

At the bottom, there is a navigation bar with 'Edit Previous', 'New', and 'Edit Proposal Description' buttons. Below this is a table header with columns: 'Proposal...', 'Title', 'Abstract', 'Proposal ID', 'Proposal P...', 'Category', 'Calibration', 'Treasury', 'Science Ti...', 'Parallel Ti...', 'Charged Ti...'. A 'Show:' dropdown is set to 'Proposal Information'. In the bottom right corner, a red 'X' icon is next to the text '9 errors & warnings (Click for Details)'.

Tool
Interface

Proposal Information - Roadmap



- Link to step-by-step instructions for writing an observing proposal

Proposal Information

Astronomer's Proposal Tools Version 25.4.1 - JWST Draft Proposal (Unsaved)

Form Editor | Spreadsheet Editor | Orbit Planner | Visit Planner | View in Aladin | BOT | Target Confirmation | PDF Preview | Open ETC | Submission | Errors and Warnings | Run All Tools | Stop

New JWST Proposal | New Co-I | JWST What's New | HST What's New | Roadmap | Feedback

JWST Draft Proposal (Unsaved)

- Proposal Information
- Targets
- Observations
- Observation Links

Proposal Information of JWST Draft Proposal (Unsaved)

Title: Demo Proposal

Abstract: This will included various targets, observations, mosaics, special requirements, etc.

Remaining characters: 1615

Proposal ID:

Category: **GO** | Calibration | Treasury

Pure Parallel Proposal:

Cycle: **1**

Explain unschedulable observations

Science Time (hours):

Charged Time (hours):

Request custom time allocation

Future cycles

Proposal Size: **SMALL**

Proprietary Period: **Default** | Default is 12 Months

Allow Restricted: (this session only)

Scientific Category: **None Selected**

Science Keywords:

Choose 2 to 5 science keywords.

Alternate Category: **None Selected** (Optional)

PDF Attachment:

Edit Previous | New | Edit Proposal Description

Proposal...	Title	Abstract	Proposal ID	Proposal P...	Category	Calibration	Treasury	Science Ti...	Parallel Ti...	Charged Ti...	Pure Parall...	Time Alloc...	Parallel T
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Show: Proposal Information

Proposal Information

Astronomer's Proposal Tools Version 27.3.1 JWST PRD: PRDOPSSOC-M-025 - JWST Draft Proposal (Unsaved)

Form Editor | Spreadsheet Editor | Orbit Planner | Visit Planner | Timeline | View in Aladin | BOT | Target Confirmation | PDF Preview | Submission | Errors and Warnings | Run All Tools | Stop

New JWST Proposal | New Co-I | What's New | Roadmap | Feedback

Proposal Information of JWST Draft Proposal (Unsaved)

Title ✗
Abstract ✗

Remaining characters: 1700

Proposal ID

Category **GO** Calibration Treasury

Pure Parallel Proposal

Cycle **1**

Explain Unscheduleable

Science Time (hours)
Charged Time (hours)
Data Volume (MB)

Time Allocation Request

Requested Time **Days**

Time Req Explanation

Future Cycles

Next Cycle **Days** or % of Cycle 1
 Next Cycle will include Coordinated Parallels

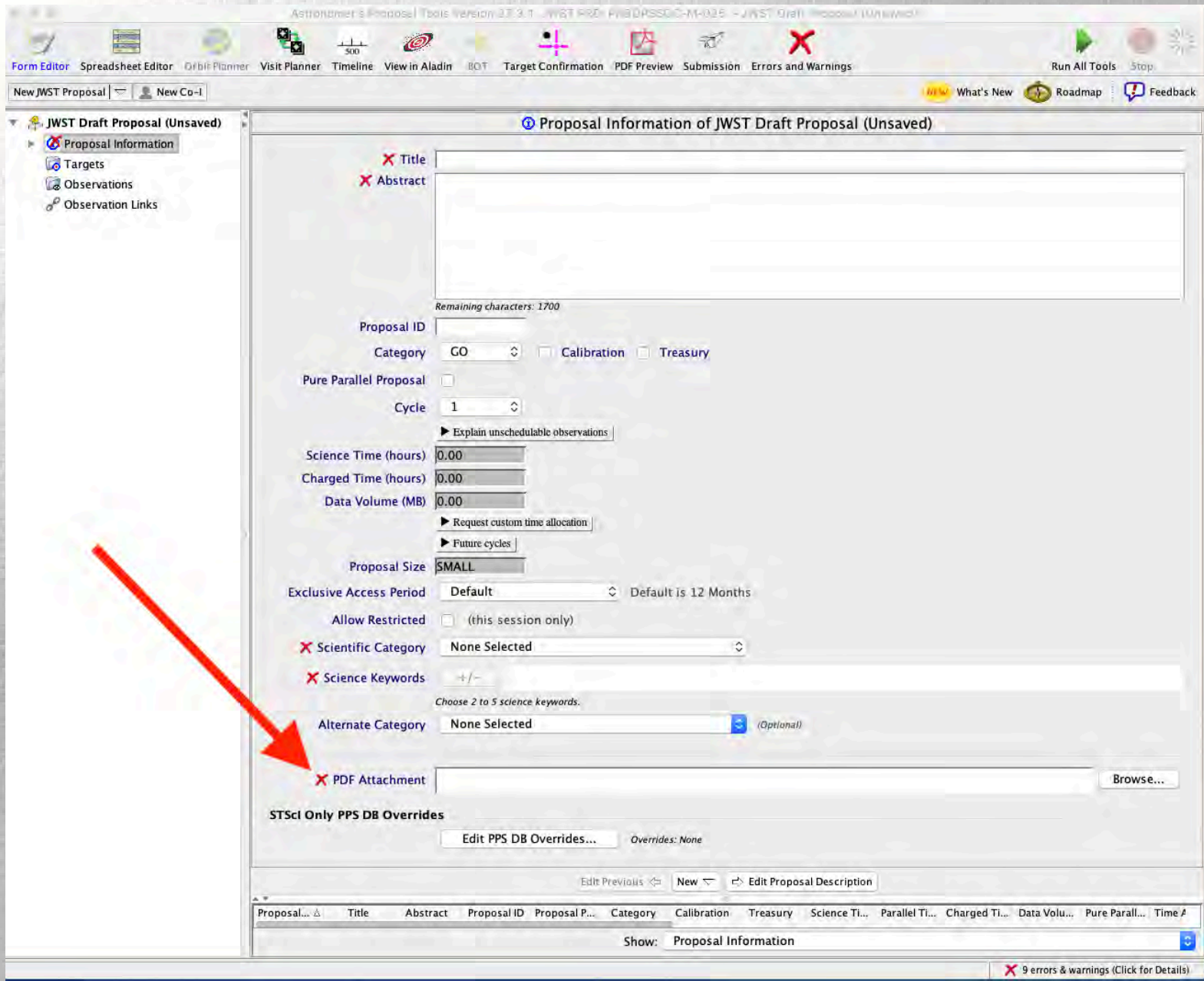
Third Cycle **Days** or % of Cycle 1
 Third Cycle will include Coordinated Parallels

Edit Previous | New | Edit Proposal Description

Proposal...	Title	Abstract	Proposal ID	Proposal P...	Category	Calibration	Treasury	Science Ti...	Parallel Ti...	Charged Ti...	Data
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Show: Proposal Information

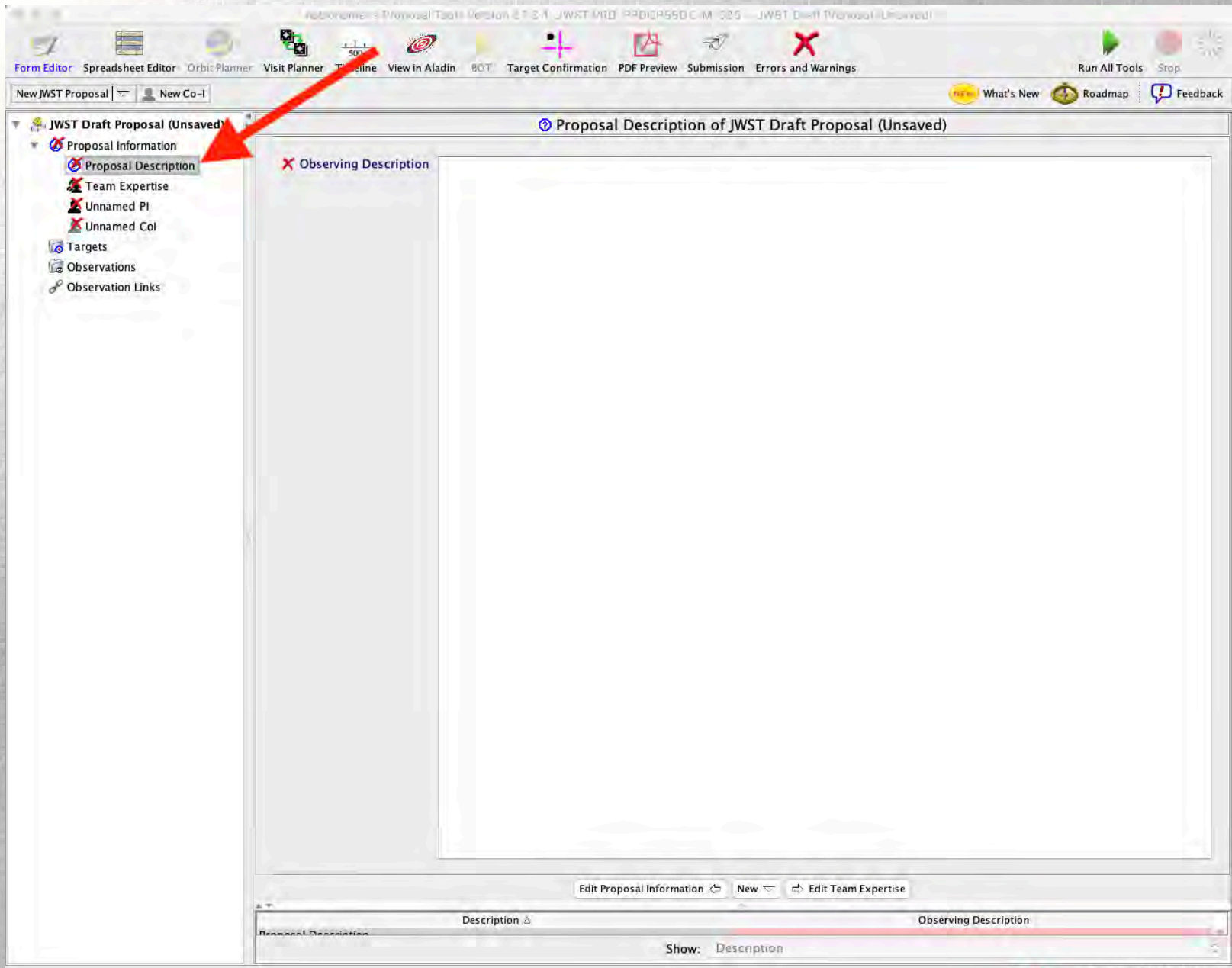
Proposal Information – PDF Attachment



The screenshot displays the 'Proposal Information of JWST Draft Proposal (Unsaved)' form. The interface includes a top toolbar with various tools like 'Form Editor', 'Spreadsheet Editor', and 'PDF Preview'. A left sidebar shows a tree view with 'Proposal Information' selected. The main form area contains several fields: 'Title' and 'Abstract' (both with error icons), 'Proposal ID', 'Category' (GO), 'Pure Parallel Proposal' (checkbox), 'Cycle' (1), 'Science Time (hours)', 'Charged Time (hours)', 'Data Volume (MB)', 'Proposal Size' (SMALL), 'Exclusive Access Period' (Default), 'Allow Restricted' (checkbox), 'Scientific Category' (None Selected), 'Science Keywords' (+/-), 'Alternate Category' (None Selected), and 'PDF Attachment' (with a 'Browse...' button). A red arrow points to the 'PDF Attachment' field. At the bottom, there is a table with columns for 'Proposal...', 'Title', 'Abstract', 'Proposal ID', 'Proposal P...', 'Category', 'Calibration', 'Treasury', 'Science Ti...', 'Parallel Ti...', 'Charged Ti...', 'Data Volu...', 'Pure Parall...', and 'Time A'. The status bar shows 'Show: Proposal Information' and '9 errors & warnings (Click for Details)'.

- Templates will be available at jwst-docs.stsci.edu
 - Word, LaTeX, etc.
- Content
 - Scientific Justification
 - Technical Justification
 - Data Analysis Plan

Observing Description



The screenshot displays the JWST Draft Proposal software interface. The main window title is "Proposal Description of JWST Draft Proposal (Unsaved)". The left sidebar shows a tree view of proposal components: Proposal Information, Proposal Description (highlighted with a red arrow), Team Expertise, Unnamed PI, Unnamed Col, Targets, Observations, and Observation Links. The main content area is titled "Observing Description" and is currently empty. The top toolbar includes various tools like Form Editor, Spreadsheet Editor, Orbit Planner, Visit Planner, Timeline, View in Aladin, BOT, Target Confirmation, PDF Preview, Submission, Errors and Warnings, Run All Tools, and Stop. The bottom status bar shows "Show: Description" and a warning icon.

Investigators


Archonome's Proposal Tool - Version 27.0.1 - JWST PID# 0R00PSSOC-M-002 - JWST Draft Proposal (Unsaved)

Form Editor | Spreadsheet Editor | Orbit Planner | Visit Planner | Timeline | View in Aladin | BDT | Target Confirmation | PDF Preview | Submission | Errors and Warnings | Run All Tools | Stop

New JWST Proposal | New Co-I | What's New | Roadmap | Feedback

Unnamed PI of JWST Draft Proposal (Unsaved)

Is your address not found? Other questions? [Address FAQ](#)

 Enter a partial name and hit return:

X Name Search Roman

Full Name
Employer Institution
Email
US Admin Col: None Selected
Contact

Investigator Information Query

Investigators currently in our database:

- Roman, Mr. Anthony Josue from The Pennsylvania State University
- Roman, Mr. Javier from Instituto de Astrofisica de Canarias
- Roman, Dr. Michael from University of Michigan
- Roman, Nancy Grace
- Roman, Mr. Tony from Space Telescope Science Institute**
- Roman-Duval, Dr. Julia Christine from Space Telescope Science Institute
- Roman-Lopes, Dr. Alexandre from Universidad de La Serena
- Roman-Zuniga, Dr. Carlos Gerardo from Universidad Nacional Autonoma
- Romani, Dr. Paul N. from NASA Goddard Space Flight Center
- Romani, Prof. Roger from Stanford University
- Romanello, Dr. Martino from European Southern Observatory - Germany
- Romanishin, Dr. William from University of Oklahoma Norman Campus
- Romano, Dr. Donatella from INAF, Osservatorio Astronomico di Bologna
- Romano-Diaz, Dr. Emilio from Universitat Bonn, Argelander Institute for
- Romanowsky, Prof. Aaron from San Jose State University
- Rahman, Dr. Mubdi from The Johns Hopkins University
- Rahmani, Dr. Hadi from Laboratoire d'Astrophysique de Marseille
- Rayman, Dr. Marc D. from Jet Propulsion Laboratory
- Rubin, Scott from University of California, Davis

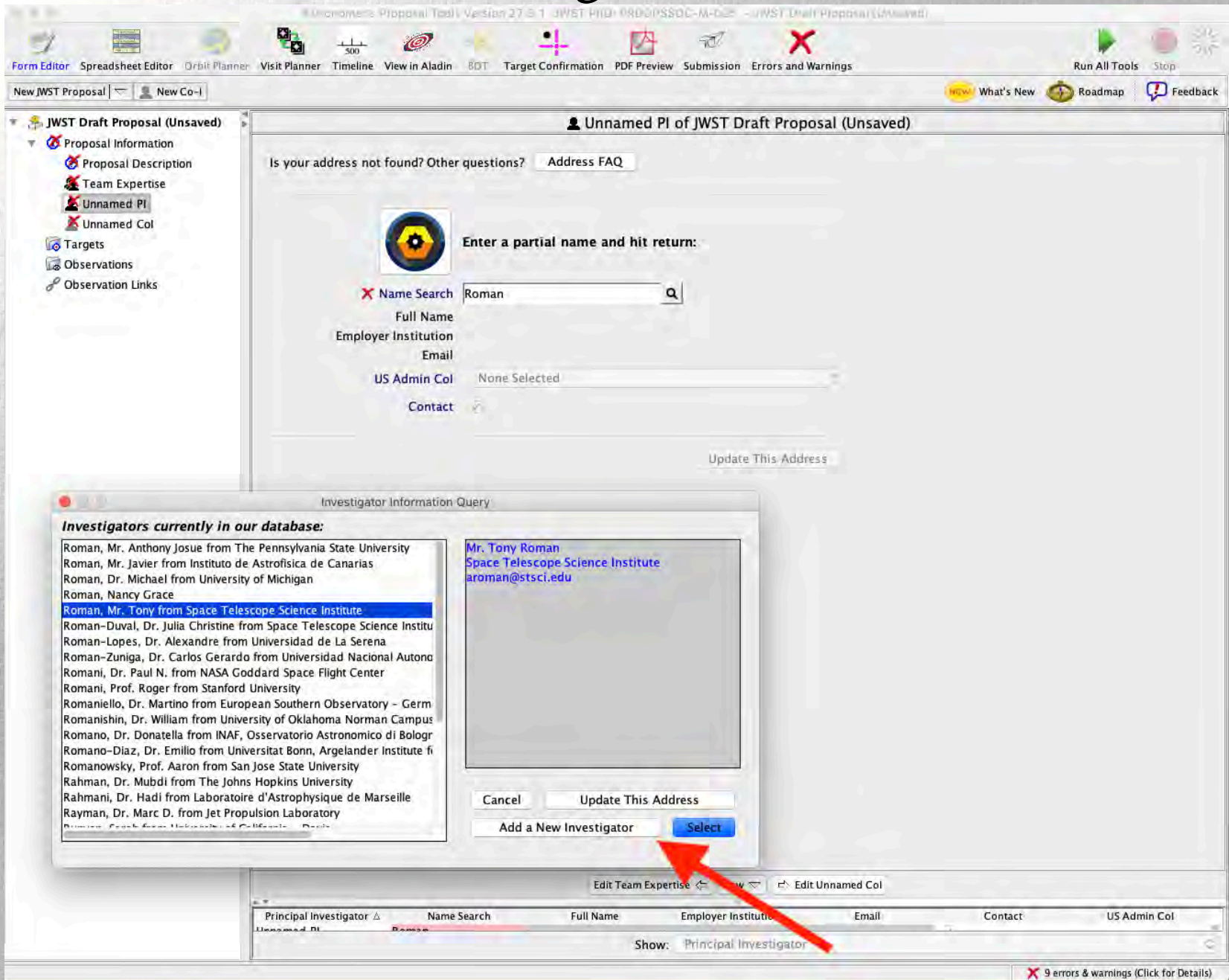
Mr. Tony Roman
Space Telescope Science Institute
aroman@stsci.edu

Principal Investigator	Name Search	Full Name	Employer Institution	Email	Contact	US Admin Col
Unnamed PI	Roman					

Show: Principal Investigator

X 9 errors & warnings (Click for Details)

Investigators

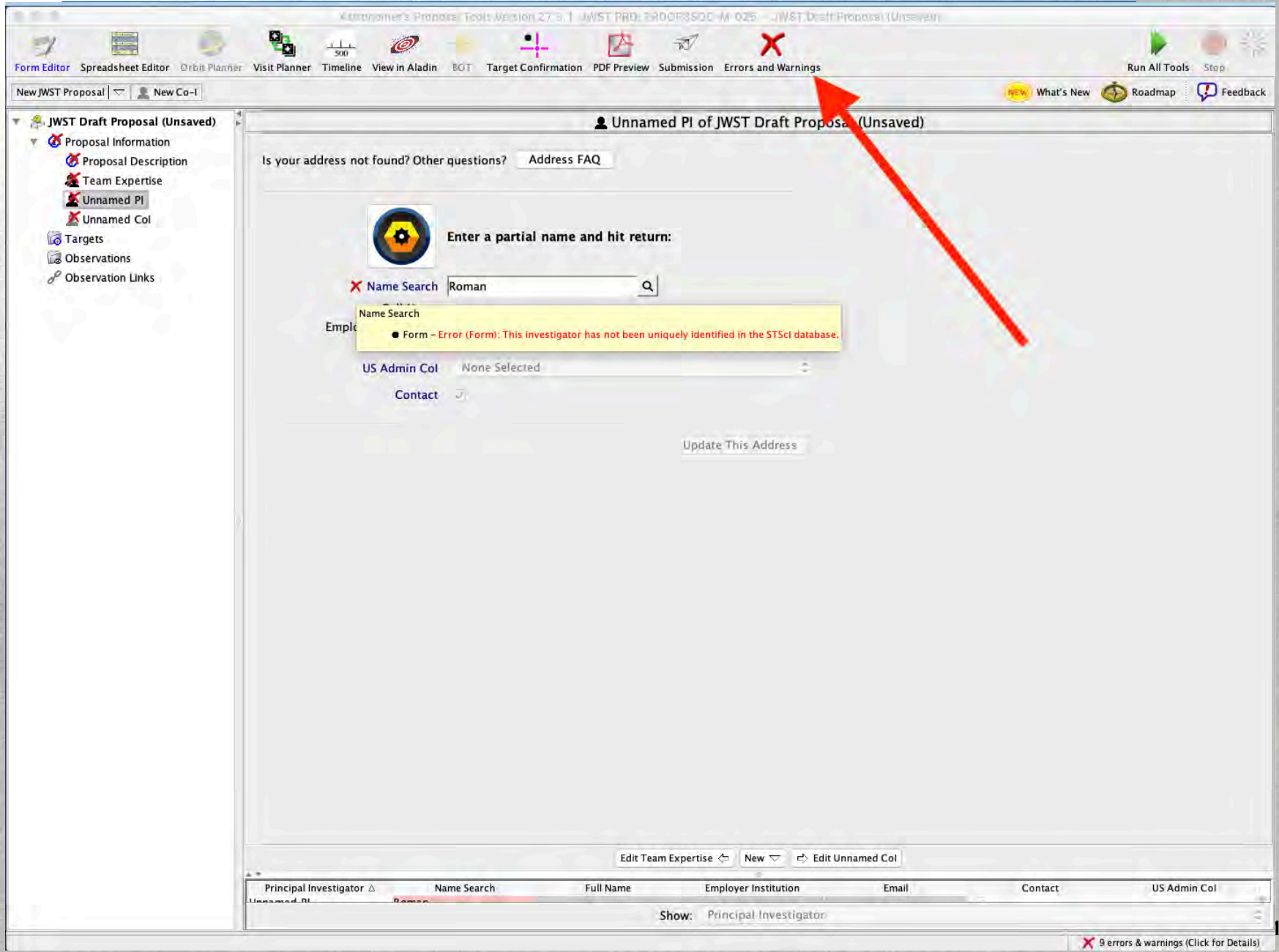


The screenshot shows the JWST Draft Proposal software interface. The main window is titled "Unnamed PI of JWST Draft Proposal (Unsaved)". It features a search bar with the text "Enter a partial name and hit return:" and a search input field containing "Roman". Below the search bar are fields for "Full Name", "Employer Institution", "Email", "US Admin Col" (set to "None Selected"), and "Contact". An "Update This Address" button is located at the bottom right of the main window.

An "Investigator Information Query" dialog box is open in the foreground. It displays a list of investigators currently in the database. The entry "Roman, Mr. Tony from Space Telescope Science Institute" is highlighted. To the right of the list is a preview area showing contact information for Mr. Tony Roman: "Space Telescope Science Institute" and "aroman@stsci.edu". At the bottom of the dialog are buttons for "Cancel", "Update This Address", "Add a New Investigator", and "Select". A red arrow points to the "Select" button.

The background window also shows a sidebar with navigation options: Proposal Information, Proposal Description, Team Expertise, Unnamed PI, Unnamed Col, Targets, Observations, and Observation Links. The top toolbar includes various tools like Form Editor, Spreadsheet Editor, Orbit Planner, Visit Planner, Timeline, View in Aladin, BDT, Target Confirmation, PDF Preview, Submission, Errors and Warnings, Run All Tools, and Stop. The status bar at the bottom indicates "9 errors & warnings (Click for Details)".

Diagnostics



The screenshot shows the JWST Draft Proposal software interface. The top toolbar includes buttons for Form Editor, Spreadsheet Editor, Orbit Planner, Visit Planner, Timeline, View in Aladin, BOT, Target Confirmation, PDF Preview, Submission, Errors and Warnings, Run All Tools, and Stop. A red arrow points to the 'Errors and Warnings' button. The main content area is titled 'Unnamed PI of JWST Draft Proposal (Unsaved)'. It features a search bar with the text 'Roman' and a dropdown menu showing an error: 'Form - Error (Form): This investigator has not been uniquely identified in the STScI database.' The interface also includes a sidebar with navigation options like Proposal Information, Team Expertise, and Targets, and a bottom status bar with a table of data and a 'Show: Principal Investigator' dropdown.

4 employees's Proposal Tools Version 27.3.1 JWST PRQ: ERDORSSQC-M-025 - JWST Draft Proposal (Unsaved)

Form Editor Spreadsheet Editor Orbit Planner Visit Planner Timeline View in Aladin BOT Target Confirmation PDF Preview Submission Errors and Warnings Run All Tools Stop

New JWST Proposal New Co-I

NEW What's New Roadmap Feedback

JWST Draft Proposal (Unsaved)

Proposal Information Proposal Description Team Expertise Unnamed PI Unnamed Col Targets Observations Observation Links

Unnamed PI of JWST Draft Proposal (Unsaved)

Is your address not found? Other questions? Address FAQ

Enter a partial name and hit return:

Name Search Roman

Name Search

- Form - Error (Form): This investigator has not been uniquely identified in the STScI database.

US Admin Col None Selected

Contact

Update This Address

Edit Team Expertise New Edit Unnamed Col

Principal Investigator	Name Search	Full Name	Employer Institution	Email	Contact	US Admin Col
Unnamed PI	Roman					

Show: Principal Investigator

9 errors & warnings (Click for Details)

Diagnostics

Astronomer's Proposal Tools Version 27.3.1 JWST PRD: PRDOPSSDC-M-025 - JWST Draft Proposal (Unsaved)

Form Editor | Spreadsheet Editor | Orbit Planner | Visit Planner | Timeline | View in Aladin | BOT | Target Confirmation | PDF Preview | Submission | Errors and Warnings

New JWST Proposal | New Co-I

What's New | Roadmap | Feedback

JWST Draft Proposal (Unsaved)

- Proposal Information
- Proposal Description
- Team Expertise
- Unnamed PI
- Unnamed CoI
- Targets
- Observations
- Observation Links

Diagnostic Summary for JWST Draft Proposal (Unsaved)

Error (Form): Abstract is a required field.
Occurrence: Proposal
Explanation: This field may not be left empty. Please enter a suitable value.

Error (Form): Observing Description is a required field.
Occurrence: Proposal
Explanation: This field may not be left empty. Please enter a suitable value.

Error (Form): PDF Attachment is a required field.
Occurrence: Proposal
Explanation: This field may not be left empty. Please enter a suitable value.

Error (Form): Science Keywords: Select from 2 to 5 items.
Occurrence: Proposal
Explanation: Science Keywords: Select from 2 to 5 items.

Error (Form): Scientific Category is a required field.
Occurrence: Proposal
Explanation: This field may not be left empty. Please enter a suitable value.

Error (Form): Team Expertise and Background is a required field.
Occurrence: Proposal
Explanation: This field may not be left empty. Please enter a suitable value.

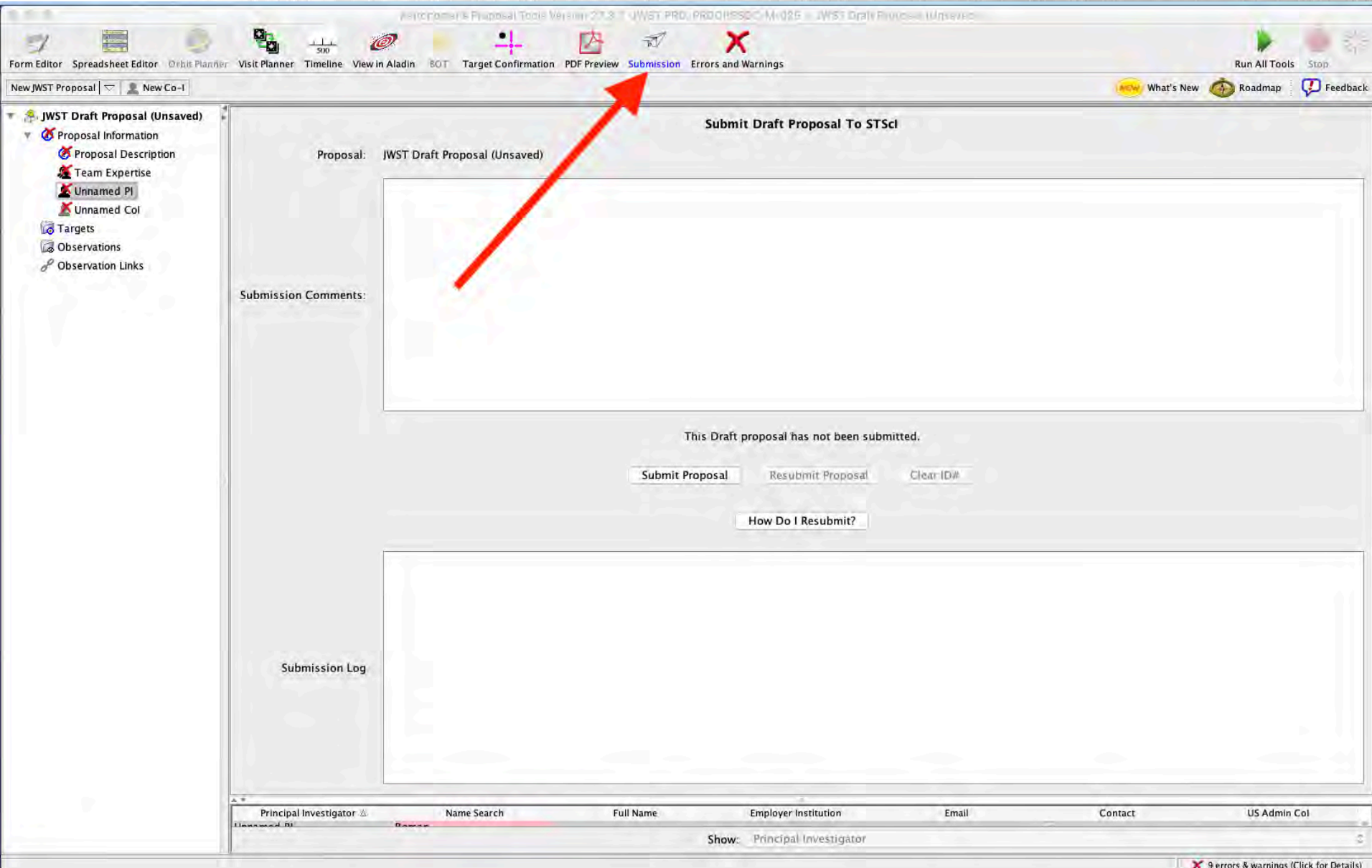
Error (Form): Title is a required field.
Occurrence: Proposal
Explanation: This field may not be left empty. Please enter a suitable value.

Error (Form): This investigator has not been uniquely identified in the STScI database.
Occurrence: PI CoI
Explanation: This investigator has not been uniquely identified in the STScI database. To check their contact information (and get their unique ID for the future), please

Principal Investigator	Name Search	Full Name	Employer Institution	Email	Contact	US Admin Col
Unsaved PI						

Show: Principal Investigator

Submit



The screenshot shows the 'Submit Draft Proposal To STScI' interface. The top toolbar includes buttons for 'Form Editor', 'Spreadsheet Editor', 'Orbit Planner', 'Visit Planner', 'Timeline', 'View in Aladin', 'BOT', 'Target Confirmation', 'PDF Preview', 'Submission', and 'Errors and Warnings'. A red arrow points to the 'Submission' button. The main content area displays the proposal name 'JWST Draft Proposal (Unsaved)' and a large empty text box for 'Submission Comments'. Below this, a message states 'This Draft proposal has not been submitted.' and provides buttons for 'Submit Proposal', 'Resubmit Proposal', and 'Clear ID#'. A 'How Do I Resubmit?' link is also present. At the bottom, there is a 'Submission Log' table with columns for 'Principal Investigator', 'Name Search', 'Full Name', 'Employer Institution', 'Email', 'Contact', and 'US Admin Col'. The table shows one entry with a red error icon next to the name. A status bar at the bottom right indicates '9 errors & warnings (Click for Details)'.