

VLT/I-ALMA Joint Proposals

The VLT/I Perspective

Nando Patat

Observing Programmes Office

VLT/I-ALMA Joint proposals

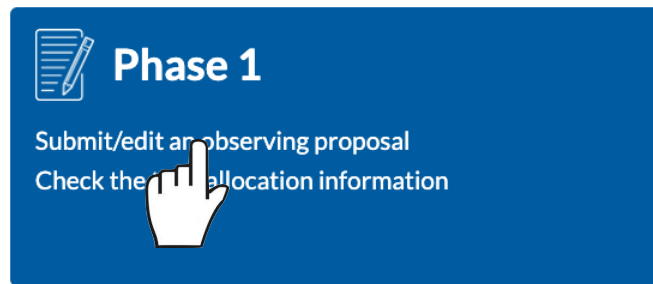
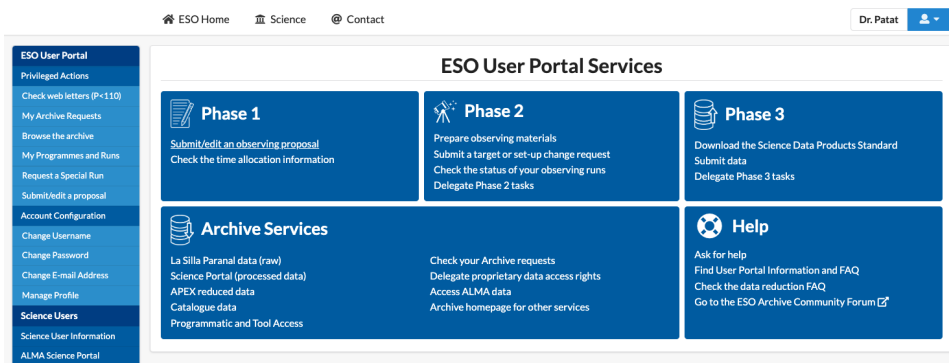
- **Concept:** a “joint proposal” is a proposal that requests time on both facilities, but is submitted to a single observatory (the leading facility) for scientific peer review. Effectively, the leading facility has the ability to award observing time for the other observatory.
- **Purpose**
 - take full advantage of the complementarity of optical-NIR and sub-millimetre observing facilities;
 - enable those science cases that require observations with both ALMA and VLT/I telescopes to have their goals fulfilled.
- Check the [ESO documentation](#) for more details.

VLT/I-ALMA Joint Proposals

- **Timeline:** Starting in ESO Period 112 – [The Call is open!](#)
 - Deadline **March 28, 12:00 CEST**
 - ESO can allocate up to 50h on any array
 - See: <https://www.eso.org/sci/observing/phase1/JointVLT-ALMA.html>
 - Only Normal joint programmes are offered (no GTO, Large, Monitoring).
 - Up to 99.9 hours of time request for VLT/I.
 - Only Service Mode is offered.
 - Only A-rank joint programmes will be allocated time.

VLT/I Joint Proposals with ALMA

- Submit to ESO as Leading Observatory if the science case mostly relies on VLT/I data. Otherwise submit to ALMA.
- The proposal must be submitted using the [ESO p1 interface](#).
- For this you (and your co-Is) need a valid ESO [User Portal](#) account.



Prepare your Joint Proposal

Create new proposal

Your Proposals ⓘ

Show my PI proposals

Period all periods [clear](#)

search by title or investigator

Proposal: Test Joint VLT/I-ALMA

Principal Investigator: F. Patat

Proposal Title

Test Joint VLT/I-ALMA

Abstract

This is a proposal for testing the workflow of the joint VLT/I-ALMA submit

- Test Joint VLT/I-ALMA
 - Summary
 - Title & Abstract
 - Scientific Keywords
 - Tags
 - Investigators
 - Rationale
 - Targets
 - Runs
 - Targets → Runs
 - Observations
 - Remarks & Justifications
 - Awarded & Future Time Requests
 - Previous Usage
 - Applicants' Publications

- Test Joint VLT/I-ALMA
 - Summary
 - Title & Abstract
 - Scientific Keywords
 - Tags
 - Investigators
 - Rationale
 - Targets
 - Runs
 - Targets → Runs
 - Observations
 - Remarks & Justifications
 - Awarded & Future Time Requests
 - Previous Usage
 - Applicants' Publications

Add the proper Tag

Proposal: Test Joint VLT/I-ALMA

[Help](#)

Principal Investigator: F. Patat

Tags

i If your proposal is part of a special agreement, please identify it by selecting the corresponding tag in the following list. You can specify 0 .. 1 tags.

Selected Tags

Available Tags

[↔ Add](#)

3.6m time-share

[↔ Add](#)

Joint VLT/I-ALMA



Proposal: Test Joint VLT/I-ALMA

Principal Investigator: F. Patat

Tags

i If your proposal is part of a special agreement, please identify it by selecting the corresponding tag in the following list. You can specify 0 .. 1 tags.

Selected Tags

Joint VLT/I-ALMA

[X Remove](#)

Prepare the ALMA Technical Specification

Use the [ALMA observing tools](#) to prepare the ALMA Technical Specification.

- Test Joint VLT/I-ALMA
- Summary
- Title & Abstract
- Scientific Keywords
- Tags
- Investigators
- Rationale
- ALMA Technical Specification**
- Targets
- Runs
- Targets Runs
- Observations
- Remarks & Justifications
- Awarded & Future Time Requests
- Previous Usage
- Applicants' Publications

Principal Investigator: F. Patat

Link to shared ALMA Technical Specification: you can paste here the link to Google Drive, Sharepoint, Overleaf... to keep a record of where you edit the ALMA Technical Justification. This is for your convenience only, ESO does not need nor use this link.

ALMA Technical Specification

Upload your ALMA Technical Specification in PDF format up to a size of 2 pages and 5000kB. Templates are available for

- [LaTeX](#)
- [Microsoft Word](#)
- [Google Doc](#)

ALMA Technical Specification

Upload ALMA Technical Specification
 Delete
 Download

Upload the ALMA Technical Specification

JOINT VLT/I-ALMA proposals:Technical Specification

Number of sources:

Mapping area: *(Single Pointing/Multiple pointings/Rectangular Mosaic of given area)*

Required 12 m Array configuration(s):

Time request considering overheads:

- 12 m Array:
- 7 m Array:

TP:

Requested Band(s):

Representative sensitivity for reference array (i.e. 12m, or 7m for ACA stand-alone projects) and aggregated bandwidth used for sensitivity calculation:

Is the time request resulting from OT: (Yes/No)

If No, indicate how the time was estimated:

Report here the highest spectral and imaging signal-to-noise ratios expected in your sample:

ALMA Technical Specification

 Upload ALMA Technical Specification

Delete 

Download 



JOINT VLT/I-ALMA proposals:Technical Specification

Number of sources: 13

Mapping area: *(Single Pointing/Multiple pointings/Rectangular Mosaic of given area)*

Required 12 m Array configuration(s):

See also: [ALMA Technical Specification](#)

Submission and Acceptance

- The ALMA part will be evaluated by JAO based on the technical feasibility of the requested observations, and the scheduling feasibility considering the requested array configuration and time constraints.
- VLT/I-ALMA Joint Proposals will be reviewed by the ESO Expert Panels, irrespective of the time request (similarly to the VLT/I-XMM joint proposals).
- Upon acceptance of a Joint Proposal by ESO, PIs will be requested to submit a full scale ALMA proposal with the [ALMA Observing Tool](#).
- The JAO will perform a final detailed technical assessment and then proceed to prepare the Scheduling Blocks in preparation for observations.
- Approved joint projects submitted to ESO will be allocated time only if they qualify for the **A-rank** class.
- Joint Programmes are either fully approved or fully rejected (no partial approval/rejection).

Do you need help?

- For questions about proposal preparation and submission:

[ESO Helpdesk](#)

- For questions about [technical] aspects related to ALMA:

[ALMA Helpdesk](#)