



ESO FACILITIES & THE PROPOSAL PROCESS



Tereza Jerabkova

Observing Programmes Office





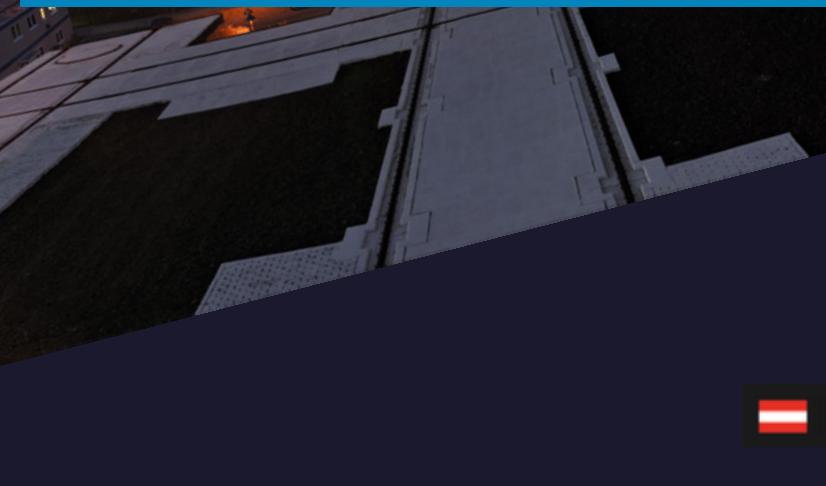
Facilities

ELT, Chile (in construction, 2027)



ESO Headquarters, Munich/Germany

La Silla Paranal Observatory, Chile



ALMA (ESO, AUI/NRAO, NAOJ)



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La Silla Paranal Observatory, Chile



La Silla

- ▶ 3.6m telescope (HARPS, NIRPS) **NEW**
- ▶ The ESO New Technology Telescope - NTT (SOFI, EFOSC2, visitor ULTRACAM)



Paranal

- ▶ Four 8.2-m Unit Telescopes (UTs) and four 1.8m Auxiliary Telescopes (ATs)



UTs can work independently but also together!

- ▶ UT1 (FORS2, KMOS)
- ▶ UT2 (FLAMES, VISIR, UVES)
- ▶ UT3 (SPHERE, XSHOOTER, CRIRES)
- ▶ UT4 (HAWK-I, MUSE, ERIS)



Interferometry (UTs/ATs)



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ALMA (Atacama Large Millimeter/submillimeter Array), Chile



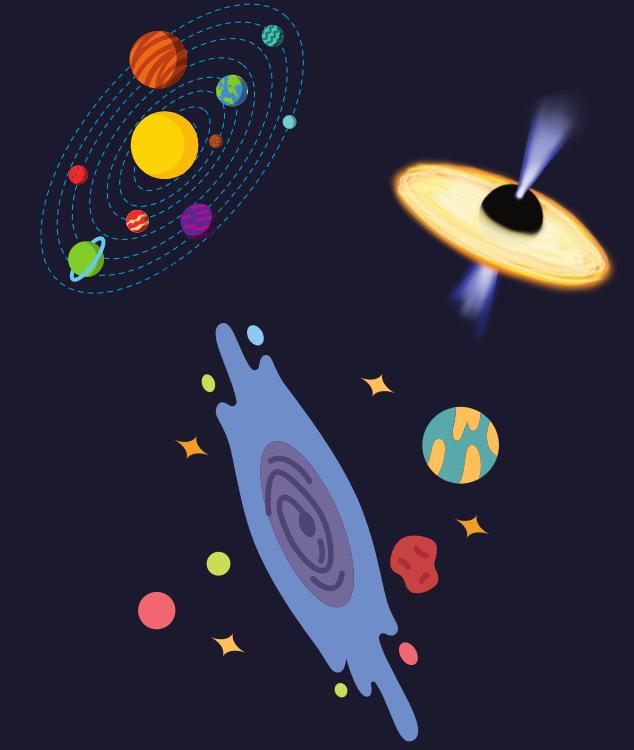
[Joint ALMA webpage](#)



The world's largest ground-based facility for observations in the millimeter/submillimeter regime located on the Chajnantor plateau, 5000 meters altitude in northern Chile

ALMA = ESO + the U.S. National Science Foundation (NSF) + the National Institutes of Natural Sciences (NINS) of Japan + the Republic of Chile.

It's own proposal process



ELT: the Extremely Large Telescope, Chile

[ELT webpage](#)



Main mirror diameter: 39 metres with 798 segments
with 20 times more light collecting power than a VLT
unit telescope



The first technical light is expected in 2027.

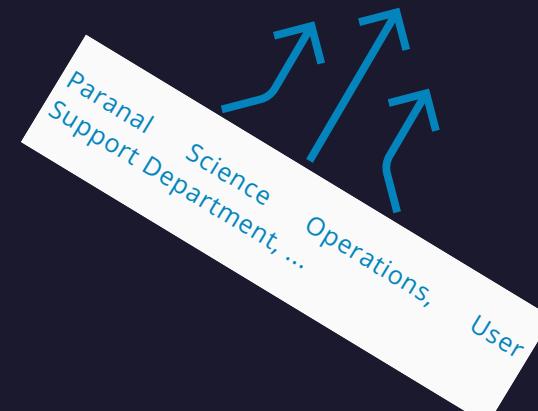
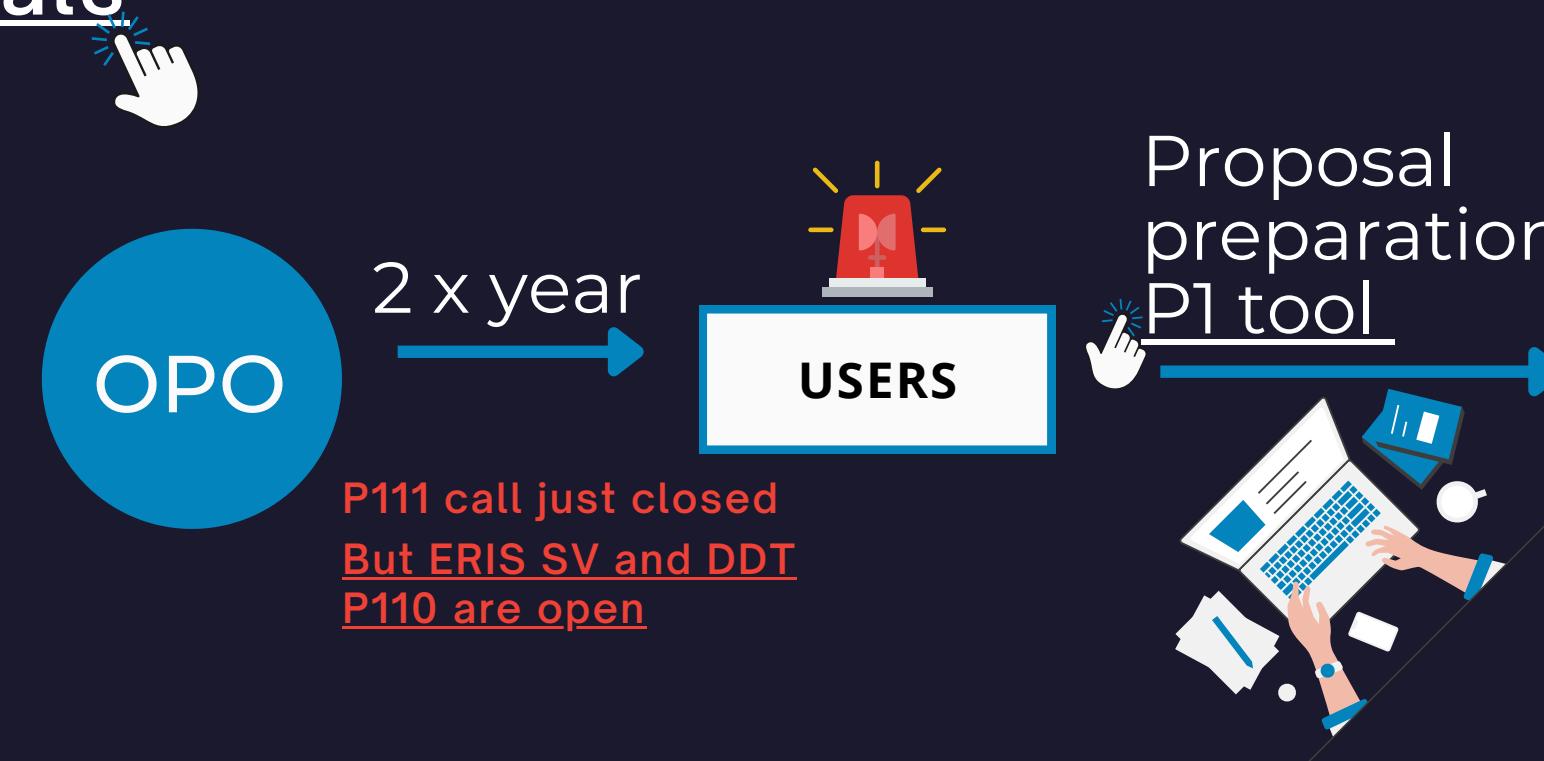
Various [working groups](#) to which you can contribute!



Applying for observing time: The proposal process at ESO

CALL FOR PROPOSALS + PHASE 1

Call for proposals



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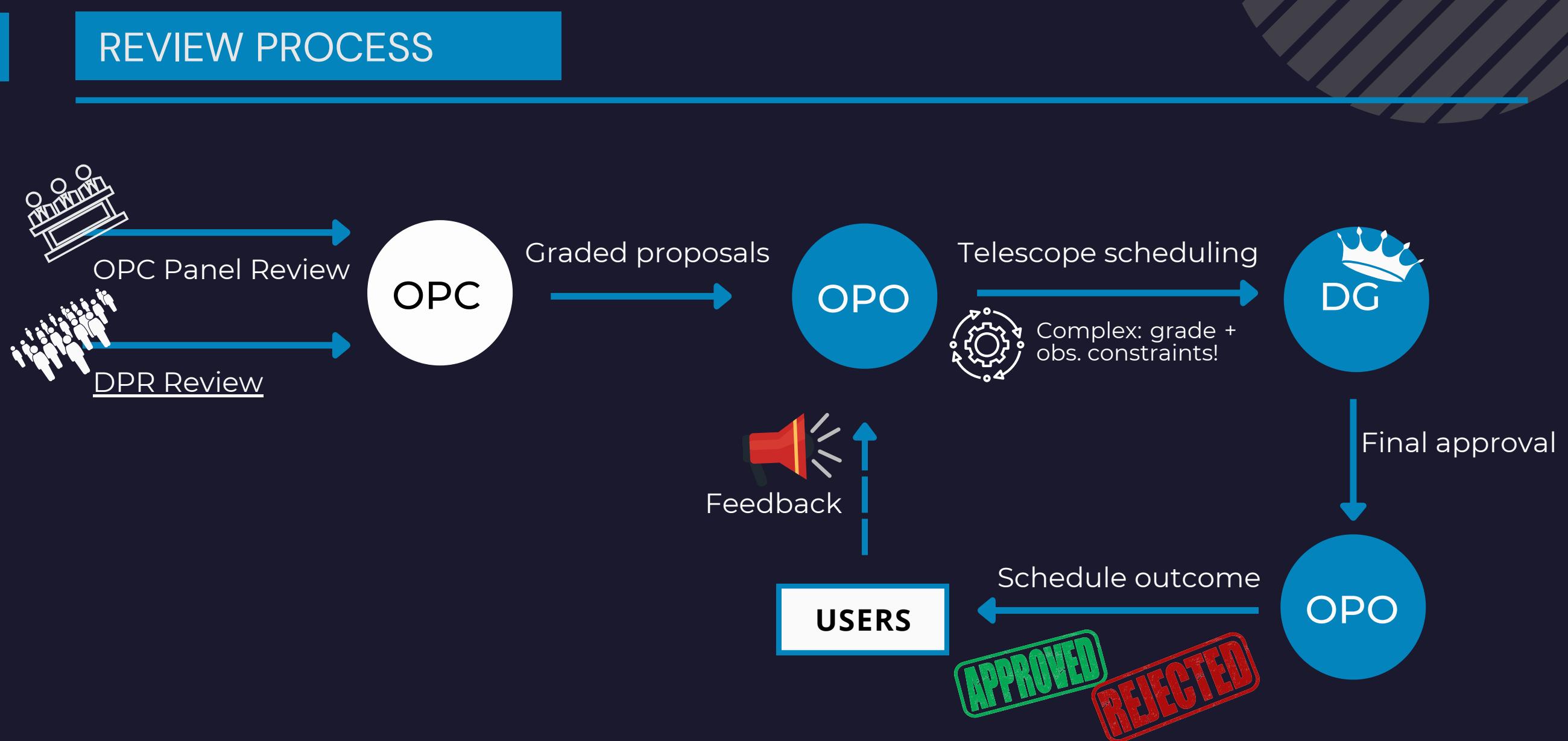


Applying for observing time: The proposal process at ESO

CALL FOR PROPOSALS + PHASE 1



REVIEW PROCESS

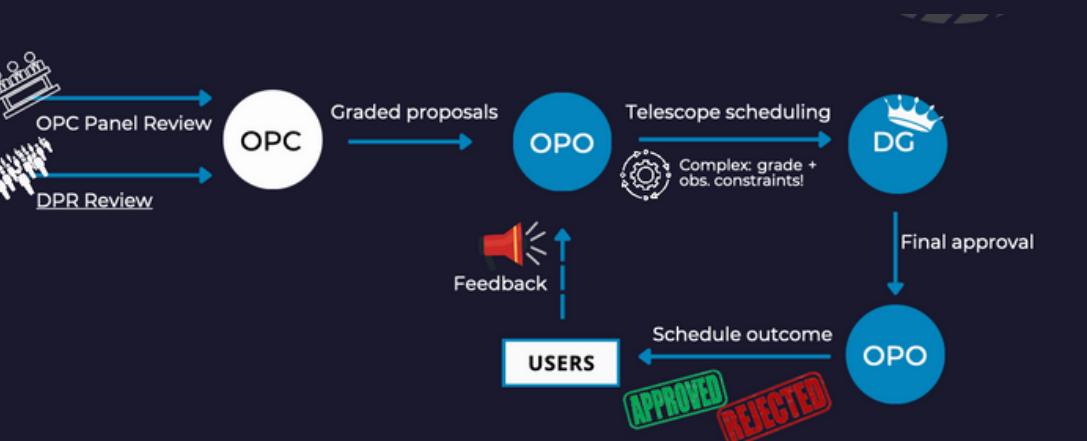


Applying for observing time: The proposal process at ESO

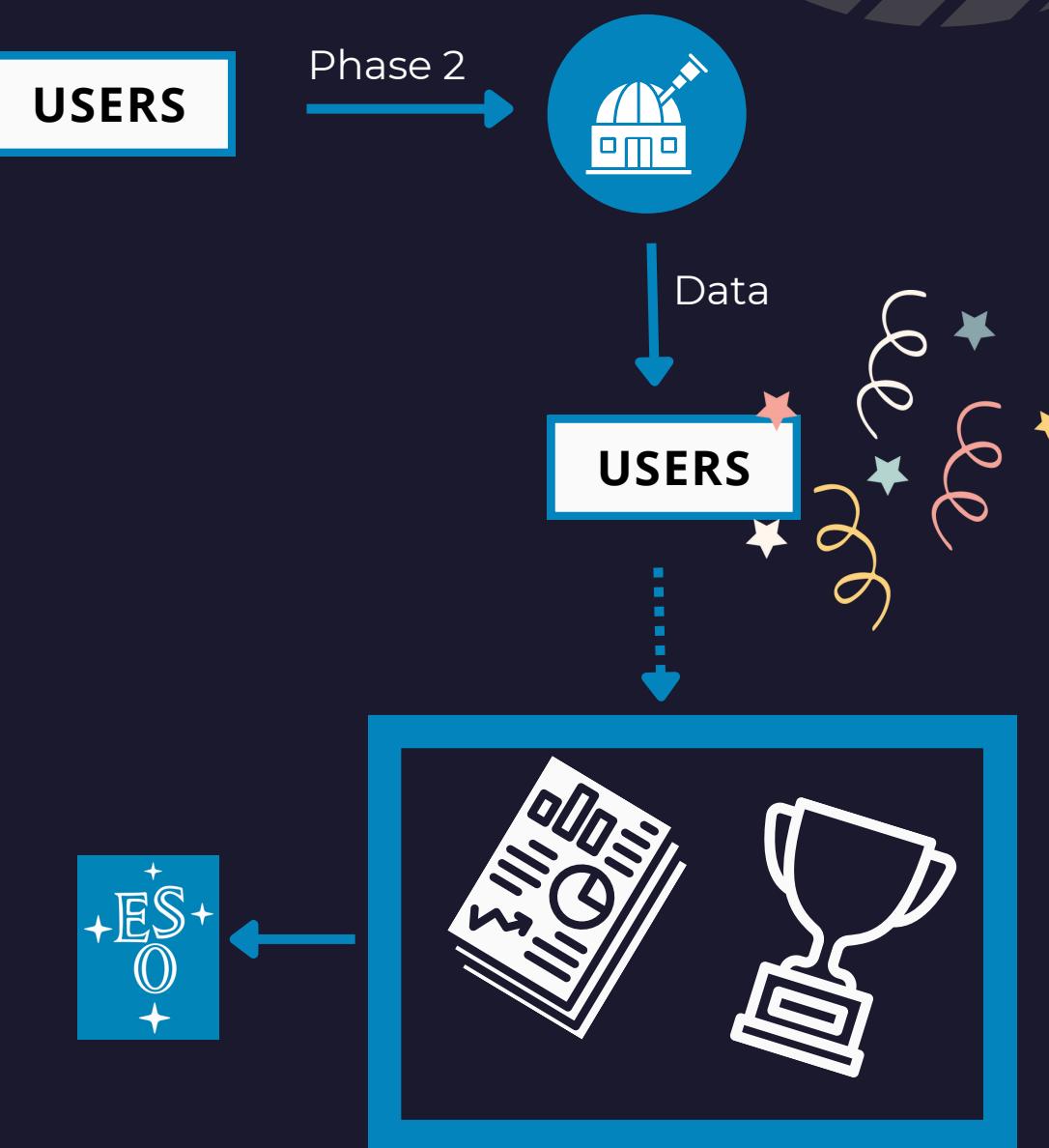
CALL FOR PROPOSALS + PHASE 1



REVIEW PROCESS



PHASE 2 + DATA COLLECTION



ESO FACILITIES & THE PROPOSAL PROCESS

ESO is here for you, the telescopes are here for you, we (ESO staff) are here for you - for the users.

Contact us with any questions or comments!



Studentship and Fellowship applications are open!

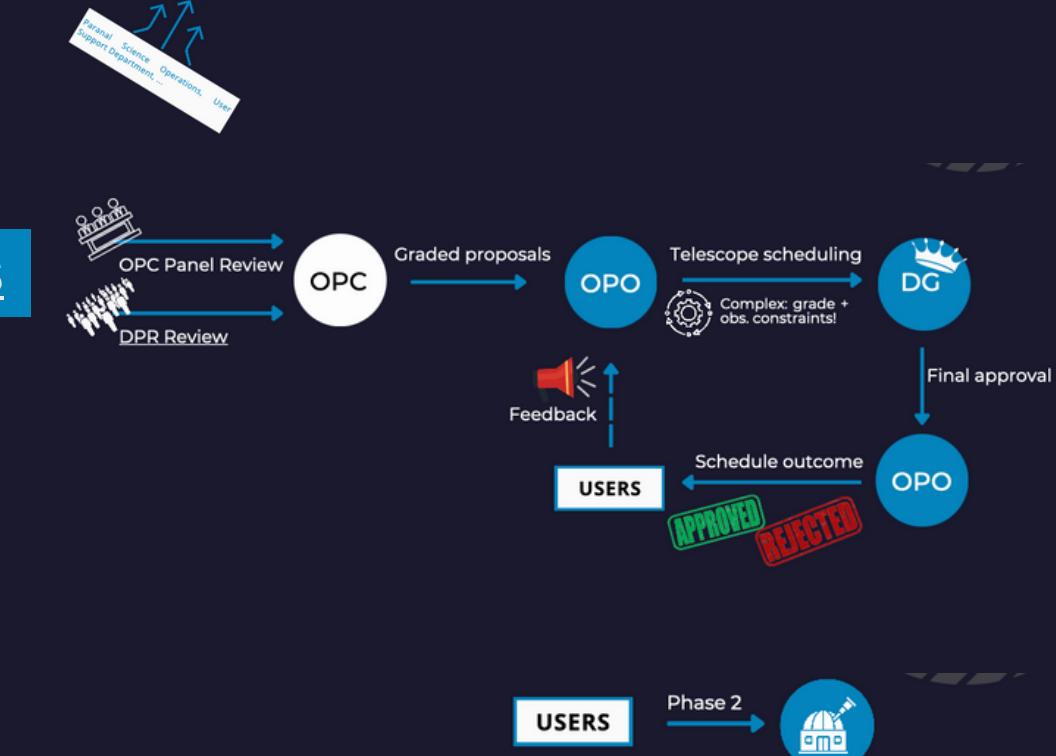
Full PhD programme IMPRS.

ALMA (ESO, AUI/NRAO, NAOJ)

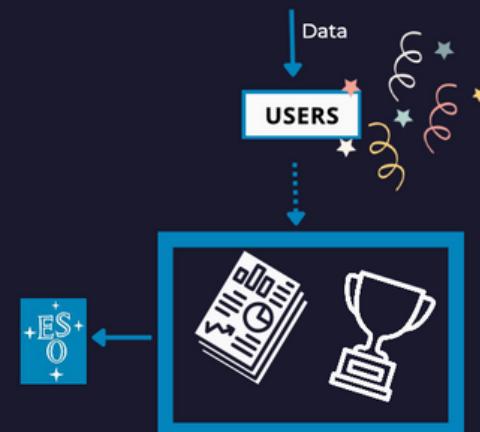
CALL FOR PROPOSALS + PHASE 1



REVIEW PROCESS



PHASE 2 + DATA COLLECTION



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