CHEOPS

Community Access to CHEOPS

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CHEOPS (CHaracterising ExOPlanet Satellite) is the first mission dedicated to the follow-up and study of known exoplanets orbiting bright stars using ultra-high precision, transit photometry. The mission is a partnership between ESA's Science Programme and Switzerland, through a Consortium of 11 ESA member states led by University of Bern (CH). In this poster we outline how the Community can access CHEOPS.

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A Year in CHEOPS

Estimated 10% time/year top-sliced for spacecraft activities and monitoring & characterisation programme

Remaining ...

Total of ~ 3350 orbits / 5520 hrs

Total of ~ 13420 orbits / 22090 hrs

CHEOPS

80% - Guaranteed Time Observing (GTO) Programme. Defined by CHEOPS Mission Consortium/ Science Team

esa

20% - ESA-run Guest Observers (GO) Programme

15% - Annual Announcements of Opportunity (AOs)

NEXT CALL Nov 2021

5% - Discretionary Programme (DP) – any time, new targets of high scientific interest

OPEN NOW

CHEOPS Proprietary Period

- GTO + GO data subject to same proprietary period,on a per observation request basis:
  - 1 year after last observation of target completed
  - No longer than 1.5 years after first visit

Applying for time on CHEOPS

- Two-stage application process:
  - Phase 1: scientific + technical justification, targets, time request (ESA proposal submission tool)
  - Phase 2 (successful proposals): observation requests
- Line of sight to target from an ongoing GTO or GO programme is reserved
- Discretionary Programme: single target, newly discovered/newly of high scientific value
  - "new" requirement waived for proposals led by PhD students or early career researchers

CHEOPS Data

- All science data pipeline-processed at the Science Operations Centre (SOC) @ Geneva Observatory (CH)
- Data available through the CHEOPS Mission Archive: https://cheops-archive.astro.unige.ch/archive_browser/
- Data products include raw data and housekeeping, calibrated/corrected images and light curves
- Calibration/reference files available including QE curve, optical throughput, point spread function

Interested?

- More information - including observers' manual, exposure time calculator, visibility checker, proposal submission tools - available at: https://www.cosmos.esa.int/web/cheops-guest-observers-programme/
- AO-3: foreseen to open in November 2021
- Discretionary Programme : details at: https://www.cosmos.esa.int/web/cheops-guest-observers-programme/discretionary-programme/

Further information on CHEOPS @ http://cosmos.esa.int/web/cheops and http://cheops.unibe.ch