

# 获取国际望远镜观测时间计划（TAP）

## 2020B 观测申请征集

### Telescope Access Program Call for Proposals

#### Semester 2020B

#### Proposal Deadline:

18 March 2020 17:00 China Standard Time

CFHT, P200: 1 August 2020 to 31 Jan 2021

Las Cumbres Observatory: 1 June 2020 - 30 November 2020

#### TAP Overview for 2020B

The Telescope Access Program (TAP) is a program to give astronomers based in China direct access to competitive instrumentation on intermediate- and large-aperture optical/infrared telescopes. We estimate that the following amount of time will be available for new programs:

[Canada-France-Hawaii Telescope](#) (3.6m, CFHT): 4-7 nights [August, 2020 - January, 2021]

[Palomar Hale Telescope](#) (5.1m, P200): 22-23 nights [August, 2020 - January, 2021]

[Las Cumbres Observatory](#) (network): 350 hours\* [June, 2020 - November, 2020]

\*: An additional 100 hours is guaranteed to Guangxi University.

#### Other notes for 2020B

- **All proposals, including CFHT, should be uploaded to [tap.china-vo.org](http://tap.china-vo.org) ([user guide](#)).** CFHT proposals should also be submitted through CFHT's Call for Proposal page: <http://cfht.hawaii.edu/en/science/Proposals/>. Palomar Cover Sheet **must be included** and can be generated at: <http://www.astro.caltech.edu/observatories/coo/solicit/2020B/C200.html>
- If you or your PI have successful TAP proposals before, remember to add the relevant records to 'My Report' and 'My Papers' at [tap.china-vo.org](http://tap.china-vo.org). **Missing report in the**

**past 3 years (2016-2019) will result in deducted points from your proposal's final evaluation.**

- **Near-infrared observations should request bright time.** Any request for dark or gray time for near-infrared observations may cause the proposal to be rejected unless the request is justified explicitly with clear exposure time comparisons.
- CFHT nights are calculated for instruments as follows: 1 night = 5.5 h MegaCam/SITELLE || 6.0 h WIRCam || 7.5 h ESPaDOnS/SPIROU, where h is the total exposure time in hours.
- Be advised that for Palomar, **half nights** are only approved if there is another matching proposal from TAP requesting same settings for the other half night. No setting change is allowed during the same night.
- **Proposal received after the deadline will no longer be considered!**
- Please check the available instruments **on the telescope site** for the most up-to-date information.

#### ----- Policy Update -----

Starting 2020B, TAP is employing a new time allocation policy, listed as follows:

- 90% of the time equivalent to the total funding provided by each institute will be assigned to the following member institutes: **CAMS, XMU, PKU, THU, USTC, NJU, YNU, & SYSU**. Future member institutes will follow the same time allocation policy.
- The remaining 10% of the total time are open to all China-based institutes.
- Proposal/group based time purchase is now open for member institutes, please contact your institutes' board member and deputy for details.
- LCO time is open to all China-based institutes, relevant fee may apply starting 2020B.

#### Proposal Submission

TAP is now accepting observing proposals up until the deadline. The links below provide more information and TAP, the available facilities, proposal information (criteria, templates, examples), and TAP policies.

[The TAP website main page](#)

[Available Instrumentation](#)

[Proposal Information](#)

[TAP Policies](#)

Proposals for CFHT time should be uploaded directly to the [CFHT Northstar Proposal Tool](#), & also to [tap.china-vo.org](http://tap.china-vo.org).

Proposals for the P200 should use the LaTeX proposal template. **Please use the latest proposal template (updated Mar 2, 2020), available here: ([zip](#))**. The proposal package contains a blank template, a .cls file, and an example proposal. Note that:

- Proposals for the P200 can be accessed through the [COO solicitation information page](#).

- All student investigators should have their advisor email TAP to state their approval and support for the student's involvement.
- Some observing programs can be accomplished on more than one facility. We give the proposers the option of specifying "alternate runs" that could accomplish their science if the first option is not available. For example, a proposal for the Blue spectrograph on P200/DoubleSpec might also be accomplished with more observing time with CFHT if the proposal rank is not high enough for P200/DoubleSpec time. Giving the TAC this option will allow more flexibility in allocating time to the best science.
- Adaptive optics at the 200-inch: The [PALM-3000](#) adaptive optics facility (P3K) is operational, but anyone who would like to use it should contact TAP or Palomar Observatory to check on the current status.
- If scheduling a time constrained proposal (e.g., exoplanet transit), it is good to check with the observatory if the instrument being requested can be scheduled at that time.
- **The TAC will expect to see updates on any previously approved TAP programs. Please include such updates in the proposal, if applicable. Any proposals that do not list the current status of previous allocations to investigators will be penalized.**

The completed proposal PDF file should be uploaded to [tap.china-vo.org](http://tap.china-vo.org) before the deadline. \*Please read the full instructions on the TAP website for submission instructions.\*

### Advice for writing proposals

The [4th TAP Workshop](#) was held at XMU in 2019 where presentations were given describing the facilities. You can download those presentations, which may be useful for proposal preparation.

Please avoid these common mistakes from previous proposals:

- No justification for lunar phase. In particular, any IR programs requesting time other than bright time **must justify very clearly** why.
- No justification for requested image quality/seeing for CFHT queue programs
- No justification for depth and signal-to-noise required for the science. It is **not** sufficient to simply say, "We require 2300s exposure time to reach S/N=10 for g=24 mag" if g=24 and S/N=10 are not also justified.
- No justification for sample size or survey area. Why does the program need 66 galaxies? Why not 50? Why not 20?
- What **specific** science question(s) will be answered by the program?
- No mention of the current status of the field, work done by others, or **why the proposal would be a significant advancement over what has already been done.**
- **Do not exceed the page limits**, or put information in the wrong sections of the proposal in order to circumvent page limits.
- Please include an update on all programs where the investigators have received TAP time.

Any proposals that makes the above mistakes will have a much lower chance of being accepted.