



Call for Proposals

Semester S17B: August 1, 2017 -- January 31, 2018*

* Actually available Open Use time in S17B is expected to be largely cut down due to the re-coating work of the primary mirror.

Subaru Telescope, National Astronomical Observatory of Japan

Subaru Telescope invites observing proposals for Semester S17B. Since each instrument has its own specific restrictions/conditions, applicants are required to consult the relevant [instrument page](#) when preparing their proposals. Please also refer to [How to Submit via webform](#), [Open Use Policy](#) and [Telescope webpage](#).

Open Use Schedule for S17B

Deadline of Normal/Intensive Program Submission	March 7 (Tue), 2017 12:00 (Noon) in Japan Standard Time (i.e., March 7, 3:00 am in UT)
Deadline of Service/Filler Program Submission	April 4 (Tue), 2017 12:00 (Noon) in Japan Standard Time (i.e., April 4, 3:00 am in UT)
Time Allocation Committee	late April
Notification of selection results	early June

Webform

Webform	the ProMS 2.0 page	Instructions	How to Submit via webform?
----------------	------------------------------------	---------------------	--

Other instructions

Instructions	Open Use Policy , and each instrument page
---------------------	--

Important Notice for S17B

Telescope Downtime	Due to the re-coating work of the primary mirror, the telescope will be unavailable from early October to
---------------------------	---

[News](#)

[Introduction](#)

[Observing](#)

[Instruments](#)

[Proposals](#)

[Call for Proposals](#)

[Policy](#)

[Webform](#)

[How to Submit?](#)

[Subaru/Gemini](#)

[Subaru/Keck](#)

[Intensive Program](#)

[Service Program](#)

[Past Information](#)

[Science](#)

[Gallery](#)

[Schedule](#)

	<p>mid-December. The re-coating work originally scheduled in S16B was cancelled due to the mirror hatch incident. Current reflectivity is about 80% at 670 nm and after the re-coating it will recover up to 86%. The last re-coating was done in 2013 summer. This re-coating work requires downtime of about two and half (2.5) months.</p>
<p>HSC Queue Mode also in Intensive Program</p>	<p>From S17B, HSC Queue mode will become available also for Intensive Program observations (for which only classical mode was allowed so far).</p>
<p>Suprime-Cam Decommissioned</p>	<p>Suprime-Cam is going to be decommissioned and unavailable in S17B.</p>
<p>EAO Time in S17B</p>	<p>In S17B, Subaru Telescope specially provides EAO (East Asian Observatory) researchers with 3 nights using Director's Discretionary Time to promote scientific collaborations. Anyone belonging to institutions in China, Korea, Taiwan or Japan is eligible to submit EAO proposals, in which investigators from at least two countries among these should be included. Applicants are required to explicitly specify "[EAO Time]" in the title head of the proposal. For more details, please see this.</p>
<p>Status of PI Instrument</p>	<p>In S17B, CHARIS and HiCIAO (both with SCEXAO+AO188) will be offered for open use observations. Kyoto-3DII has been decommissioned and is no longer available.</p>
<p>HSC-Related News</p>	<p>There will be at most 4 observing runs of HSC in S17B allocated to dark or dark-gray nights on August, September, December, and January. Since queue-mode observation is regarded as the primary mode of HSC operation, those wishing to use the classical observation mode should explicitly account the reason for that choice. From S17B, we will accept proposals of intensive program as well as normal and filler programs within the framework of HSC queue.</p>

Notice for HSC Applicants

<p>Use of Hyper Suprime-Cam</p>	<p>In S17B, Hyper Suprime-Cam (HSC) will be offered in a shared-risk mode. HSC proposers requesting to observe the same fields as targeted in the HSC SSP (Subaru Strategic Program) are obliged to clarify the reason for doing so (e.g., how the scientific aim is different from that of SSP). Service observations and Remote observations conducted from the Hilo Base Facility are not available.</p>
--	---

<p>Queue Mode Observation of HSC</p>	<p>In S17B, queue mode observation with HSC will be offered for the normal, intensive, and filler programs. Time critical program is possible for this semester. Proposers can request up to 35 hours (= 5 nights) for the normal program and 280 hours (=40 nights) in up to 6 consecutive semesters for the intensive program. The request time should be total on-source time without including overhead. There is no lower limit for requested observing time, while cadence observations are not allowed. Please see HSC queue mode web page for more detailed information.</p>
<p>Classical Mode Observation of HSC</p>	<p>In S17B, proposers wishing to use the classical observation mode of HSC have to describe why the classical mode is preferred to the queue mode in Entry 13.(Scheduling Requirements). Unless any convincing reason, proposers may be asked if it is possible to change the observation mode from classical to queue.</p>
<p>"No-Additional-Target" Policy for HSC</p>	<p>In S17B, requesting additional targets is not allowed for any HSC observations during the semester. The dead time ("Sukima" time), when there is no planned target on the night sky, will be exploited as effectively as possible depending on the situation (observing priority: 1. observations of standard stars, 2. queue-mode observations for Grade A/B/C, 3. observing user's back-up targets, and 4. queue-mode observations for Grade F).</p>

Notice About Nasmyth/Cassegrain Instruments

<p>Notice for HDS Applicants</p>	<p>HDS often has to be combined with the Subaru infrared secondary mirror (with which throughput at $<3800\text{\AA}$ is considerably deteriorated), in order to accommodate as many HDS programs as possible. So, if blue or UV regions are crucially needed for your program, it should be explicitly described in Entry 16 (Instrument Requirements).</p>
<p>IRCS Observations</p>	<p>IRCS observations will be conducted always in combination with AO188 optics, regardless of the use of AO correction. Polarimetry mode of IRCS+AO188 has been partially opened for open use in a shared-risk mode. The available modes are <i>Y</i>-, <i>J</i>-, <i>H</i>-, and <i>K</i>-bands imaging polarimetry and <i>zJH</i>, <i>HK</i> spectropolarimetry modes. Please see the "Polarimetry" section of IRCS page for more detailed information. Grism and Echelle spectroscopy modes of IRCS+AO188 are available in service programs. Targets of any spectroscopic modes must have suitable NGS, or TTGS. Please see the Service program page for more detailed information.</p>

**Dark Nights
Essentially
Due to HSC**

Since almost all dark nights will be allocated to Hyper Suprime-Cam, using dark nights with other instruments would be hardly possible.

Notice About Time-Exchange Programs

Time Exchange Programs with Gemini and Keck	<p>According to the inter-observatory time-exchange agreement, we accept proposals of observations with Gemini (North & South) and Keck telescopes, which will be screened by Subaru TAC within the framework of Subaru Call for Proposals. Maximum several nights (for each of Keck I and Keck II) and minimum 5 nights (Gemini) are available in S17B for this purpose. Those who have direct access to Gemini or Keck time must refrain from applying for Gemini/Keck observing time by this program.</p> <p>Please refer to Subaru/Gemini Time Exchange page and Subaru/Keck Time Exchange page for more details.</p>
Application from Gemini/Keck Community	<p>Non-Japanese PIs who wish to use the Subaru Telescope but have access to Gemini or Keck telescope time must apply through the time-exchange program provided by Gemini or Keck. For institutes with an MoU with Subaru/NAOJ, the agreement in the MoU will be applied.</p>
New Arrangement between Subaru and Gemini	<p>From S16B, researchers belonging to Gemini Community can apply for Subaru Intensive Program through the time exchange program, and inversely those belonging to Subaru Community for Gemini Large and Long Programs as a new arrangement in the time exchange program between Subaru and Gemini. Similarly, Subaru Community can apply for Fast Turnaround Programs, in which up to 5 nights per semester are available for researchers belonging to Subaru Community.</p>

Required Clarification in Proposals

Necessity of FOCAS Preimaging	<p>FOCAS/MOS users are required to describe explicitly about the pre-imaging observation with FOCAS in Entry 16 (Instrument Requirements) when it is necessary for their MOS mask design. Please check the instrument web page for details.</p>
Set of Hyper Suprime-Cam Filters	<p>Hyper Suprime-Cam users must explicitly describe the filters they intend to use in Entry 16, where the desired set as well as the minimum acceptable set should be clearly specified.</p>

Number of MOIRCS/MOS Masks	MOIRCS/MOS users must explicitly describe the required number of masks in Entry 16, where the desired number as well as the minimum acceptable number should be clearly specified.
Moon-affected Unacceptable Dates	When one particular source or several sources whose coordinates are concentrated to a particular sky region are planned to be observed on bright or grey nights, observations may be severely affected by the Moon in some particular nights. In such cases, those inconvenient or unacceptable dates should be explicitly indicated in Entry 13 (Scheduling Requirements).
Service Program Similar to Normal Program	Service Program applicants are required to clarify whether they have submitted similar Normal/Intensive Program proposals for this semester.
Target Check in Subaru Archive Data	Applicants are required to check their targets in SMOKA database (Public Data Archive) before submission. If the objects have already been observed by Subaru in the past, the reason why they need to be observed again must be described.

Reminder About Basic Rules

Intensive Program	From S16B, the size of Intensive Program has been expanded up to 40 nights over maximum 6 consecutive semesters (with maximum 20 nights in a semester). From S17B, we can accept Intensive Program within the framework of HSC queue mode.
Proposals for Unspecified Targets	Proposals in which targets are not specified at the time of proposal submission should be submitted to Normal Program, not to Service Program.
2nd Choice Instruments	If your science goal could (fully or partly) be achieved by other instruments (of Subaru/Keck/Gemini) instead of your 1st choice instrument, we recommend you to describe such alternative instruments, which may be usable/acceptable to attain your science goal, as 2nd choice instrument(s).
Description of Acceptable Observing Date Range	Even though your preferred observing dates are rather limited, you should make your acceptable date range as wide as possible. Your proposal would be automatically rejected, in case that we cannot find an observing slot for your program in your acceptable range (even if your proposal is above the borderline of acceptance).
"Technical Justification" Entry in	From S17A, a new entry (Technical Justification) has been arranged in the application form of the service program, in which technical details (such as integration time and so on)

Service Proposal form	should be explained.
Abstract of Accepted Proposals Going to Be Opened	It has been decided that the complete text of the abstract of all the accepted Subaru proposals from S15B semester will be open to the public at the same time of the data release (i.e., when the proprietary period of 18 months has expired).
Unexpected Cancellation	In principle, cancelled observation time due to unexpected telescope/instrumentation failure will not be compensated.
Using PI Instruments	Any proposal using PI instruments must include the relevant instrument PI as a Co-investigator. In principle, the use of each PI instrument at the infrared Nasmyth focus is limited to only one observing run in a semester.
Duplicated Submission Unallowable	An identical proposal of the same science and targets using the same instrument and telescope should not be submitted twice at the same time through different TAC processes. For example, if a proposal using Keck or Gemini was once submitted to Subaru time-exchange program, it should not be applied to the ordinary proposal selection on Keck or Gemini side at the same semester. (And vice versa.)
One Proposal for One Project	Even if you intend to carry out observations by using different Subaru instruments (or even by using different telescopes, such as Subaru+Keck or Subaru+Gemini) for the same scientific project(s), you must describe them only in "one" proposal, because separate submission of two or more proposals belonging to the same project brings about considerable confusion. You can specify several different instruments in Entry 12 (Observing Run) and describe your detailed observing plan of how to use them in Entry 16 (Instrument Requirements) or Entry 15 (Observing Method and Technical Details). Especially, if you want to use two telescopes (Subaru+Gemini or Subaru+Keck) for the same project(s), please summarize your plan in one proposal and select the relevant option in the webform.
Time Allocation Basically One-night Unit	Telescope time allocation (except for queue observations) is basically made in unit of one night, though half night allocation may be exceptionally possible, if a suitable program can be found for the other half night.
Travel Support for Japanese Researchers	NAOJ provides travel support for researchers belonging to Japanese institutions for accepted program observations. It is in principle limited up to 2 researchers belonging to the team (i.e., PI or Co-I of the proposal) for each observing run to Hawaii, and up to 3 researchers including Mitaka remote observations.



Remote Observation	Remote observations from Mitaka Headquarter (remote-M) are allowed for all instruments under the approval of relevant support astronomer. Meanwhile, remote observations conducted from Hilo Base Facility (remote-H) may be allowed for IRCS (NGS mode only), HDS, and MOIRCS (for experienced observers). Those who wish to perform the observations remotely should check the box in Entry 13 (Scheduling Requirements), though such a request may not necessarily be granted, depending on the instrument status and/or scheduling limitations.
-------------------------------	---