



Possible international collaborations

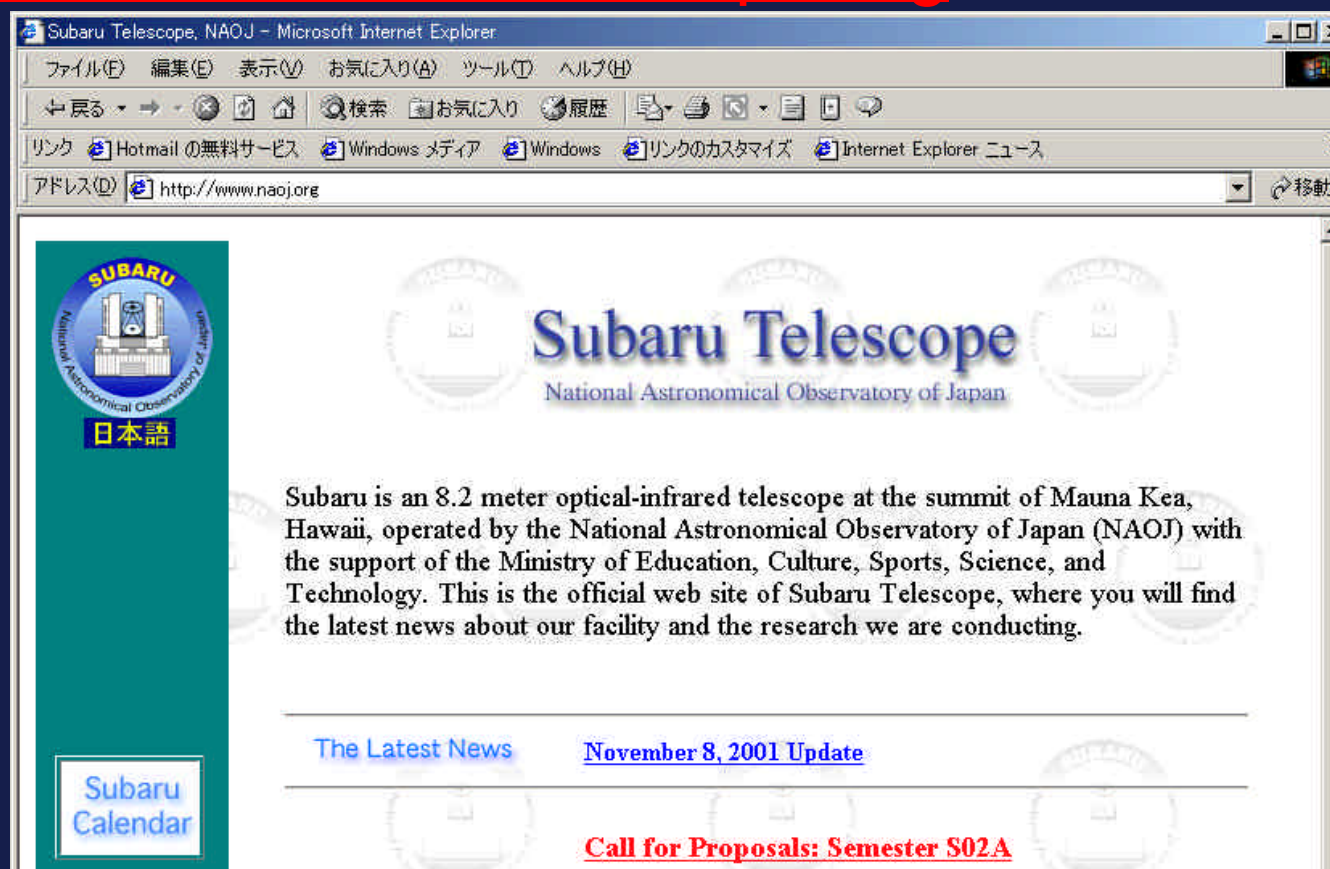
Junichi Noumaru
Subaru Telescope

National Astronomical Observatory of
Japan



Web Site

<http://www.naoj.org> or
<http://www.SubaruTelescope.org>




Nov. 13-16, 2001

The Fifth East Asian Meeting on Astronomy -
Taipei



Schedule



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Subaru Telescope schedule

List of accepted proposals by semester: [S00](#) [S01A](#) [S01B](#)

Display Nov 2001 or Current Oct 2001 Dec 2001

Schedule for November 2001

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				Nov 01	Nov 02	Nov 03
				Obs CISCO	UH-37A Hu CISCO	UH-37A Hu CISCO
				Eng		UH-4B CISCO
Nov 04	Nov 05	Nov 06	Nov 07 ●	Nov 08	Nov 09	Nov 10
S01B-055 Shimasaku CISCO			TBD	S01B-080 Ishioka IRCS	TBD	
Nov 11	Nov 12	Nov 13	Nov 14	Nov 15 ●	Nov 16	Nov 17
UH-12C		TBD				UH-SV

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Call for Proposal S02A

- ✍ S02A: April 1, 2002 to September 30, 2002
- ✍ Proposal Deadline: November 15, 2001, 5:00 p.m. (JST)
- ✍ Restriction on the selection of objects that conflicts with Guaranteed Time Observations.



Policy on Time Allocation

- ✧ Telescope time is allocated in light of the contribution to the project and necessity to maintain the activity of the observatory.
 - Engineering Time (Telescope, Instruments)
 - Guaranteed Time (Rewarded to open-use instrument groups)
 - UH time (For support from the planning to the construction)
 - Observatory time (Rewards to project scientists for operational tasks and promotion to observatory activity)
 - Open use for Japanese (Funded by Japanese taxpayers)
 - Open use for others (Contribution to astronomy)
- ✧ Anyone that meets at least one of the above categories can apply for the telescope time.



In a Call for Proposals...

- ✧ “Although Subaru Telescope is entirely funded by the Japanese government, we also invite proposals from the international community. The actual number of nights to be allocated to international proposals [see note 1] will be determined by the time allocation committee. For the past three semesters, about 10% of the available nights were allocated to such proposals. Non-Japanese researchers are encouraged to submit their proposals in collaboration with Japanese researchers.”
- ✧ Note 1: International proposals are defined as those submitted by non-Japanese principal investigators (PIs) belonging to non-Japanese institutions.



Some Facts

- ✍ About 120 proposals were received in S00B and S01A and 200 proposals in S01B.
- ✍ In average, one out of six proposals have been adopted.
- ✍ Non-Japanese proposals are about 15% to 20% of the total proposals – Adoption rate of Japanese proposals is 1.5 to 2 times higher than that of non-Japanese proposals.

Time Allocation by Nationality of PI



	Japanese*	Non-Japanese
S00b	35	1
S01a	32	4
S01b	42	5

* Including Japanese who belong to Japanese/Non-Japanese institutes and non-Japanese who belong to Japanese institutes.

About 10% of the telescope time among nights available for scientific use is allocated to non-Japanese research projects.



Time Allocation

Phase	Period	Nights	Open use	Engineering	Observatory time	Test observation	U H
S00B	Oct. 00 – Mar. 01	180	36	48.3	5	67.7	22
S01A	Apr. 01 – Sep. 01	183	36	68.7*	6	49.3	23
S01B	Oct. 01 – Mar. 02	182	47	35	8.5	65.5	26
S01A, B	Apr. 01 – Mar. 02	365	83	103.7	14.5	114.8	49
S02A, B	Apr. 02 – Mar. 03	365	195	50	66**	0	52

* Major maintenance, including the mirror coating was made from Aug. 8 through Oct. 10.

** Including paid-back nights suspended in 1999, 2000 and 2001.

Open-Use Time Allocation by Categories

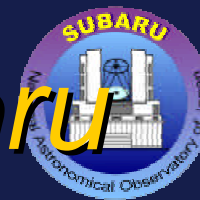


Category	S00B	S01A	S01B
Solar System	3	3	2
Stars & the Galaxy	5	9	2
Star formation & Interstellar medium	6	3	11
External Galaxies & AGN	15	-	
AGN & QSO	-	6	9
Structure Formation & Cosmology	7	-	
Galaxy Evolution & Formation	-	8	13
Clusters, Structure Formation & Cosmology	-	7	10
Total	36	36	47

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Suggestions to apply for Subaru observation



✍ Apply for open use time

- 10% of the telescope time has been allocated to non-Japanese researchers.
- Make any Japanese researcher a PI (not Co-PI). There may be some advantage.

Suggestions to apply for Subaru observation



Access the observatory time

- Find and make your collaborator in Subaru project.
Some observatory time may be available, in addition to the open-use time.

Suggestions to apply for Subaru observation



- ✍ Participate in instrument projects
- ✍ Make a visitor instrument and bring it to Subaru
 - Need a close contact with Subaru staff.
- ✍ Propose an open use instrument
 - FMOS: UK invest 1/3 of the cost. In return, UK may receive some fraction of FMOS observatory time as well as some fraction of open-use time.
 - Subaru accepts a proposal for open-use instruments at any time.
 - Need a close contact with Subaru staff.

Suggestions to apply for Subaru observation



✍ Access archived data

- All the data obtained during open-use observations are opened to anyone after eighteen month of data acquisition.
- Optical, infrared and radio researchers in NAOJ are about to plan the construction of Virtual Observatory.

✍ Apply for PDF post and access both observatory time and open-use time



PDF

- ✧ At this moment, we have no opening opportunities for PDF. Only some posts as support scientists are(were) available.
 - PDF : No observatory duty other than research
 - Support Scientist : 50% of duty to support visitors and to maintain instruments
- ✧ But, if many are interested to PDF in Subaru, we can make an effort to prepare the posts.



Summer school

- ✍ We failed to get a plan proposed in 1999 funded.
- ✍ Also, we could not afford to hold the school because of the commissioning.
- ✍ We need a support of the community to realize it.



Contact...

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