Subaru TAC report

Masaru Kajisawa (Ehime U.)

Current TAC members

- Masaru Kajisawa (Ehime U., chair)
- Kouji Ohta (Kyoto U., co-chair)
- Fumi Yoshida (NAOJ)
- Misato Fukagawa (NAOJ)
- Mitsuhiko Honda (Kurume U.)
- Toshiya Ueta (U. of Denver)
- Kei Kotake (Fukuoka U.)
- Kentaro Nagamine (Osaka U.)
- Masayuki Akiyama (Tohoku U.)
- Shinya Komugi (Kogakuin U.)
- Youichi Ohyama (ASIAA)

9^{th} generation, S16A~

Review process

- 18 categories → 10 groups (10～20 proposals/group)
  - Solar system
  - Extrasolar planets
  - Star formation, ISM
  - Normal & metal-poor stars
  - Compact objects & SNe
  - Galaxy clusters, LSS, GL, cosmology
  - High-z galaxies (LAE/LBG)
  - High-z galaxies (others)
  - Nearby galaxies, LG, MW
  - AGN/QSO

✓ Similar science, similar targets & methods → same group

✓ Balance of the number of proposals among the groups

Review process

- 5 referees for each group

  Research fields, observation/theory, recent activity
  Relative evaluation (ordering the proposals)

- Selection
  - ✓ TAC review/discussion
  - ✓ Referee score & comments
  - ✓ Technical comments from SS
  - ✓ Requested nights
  - ✓ Previous observation, continuation
  - ✓ Challenging / high-risk high-return
  - ✓ Graduate student-PI/thesis work
  - ✓ Scheduling (crowded Feb-Mar, dark nights, instruments)

Review process

- Intensive program
  - Large proposals with maximum 20 nights over 4 semesters
  - More detailed review comments by the referees
  - Hearing in the TAC meeting

- Service program
  - Small proposals with maximum 4 hours
  - Reviewed by 3 TAC members
  - Similar competition rate with normal program

  Rank A (high priority, basically scheduled)/Rank B (backup)

statistics

S16A

- High competition rate in S16A
  - the number of submitted proposals/requested nights increased
  - the number of accepted proposals decreased
- Average allocated nights/proposal

S14B-S15B		S16A
~1.5 nights/proposal	→	1.9 nights/proposal

- Proposals which request 4-5 nights were highly ranked in several groups
- TAC tried to allocate the full requested nights to approved programs according to a request by the observatory

Average allocated/requested nights = 75% for accepted proposals
92% for 1st ranked in each group

On the other hand, we could not approve some proposals with high referee scores…

Recent changes/notes

- HSC queue mode from S16A
  - ✓ Pyo-san's talk
  - ✓ Reviewed/scored/selected as a normal program
  - ✓ The number of HSC-Q nights in a semester is determined by the nights allocated to approved HSC-Q proposals
  - ✓ approved proposals → grade A or grade B (ranking in the group, referee score)
  - ✓ not approved proposals → grade C

Recent changes/notes

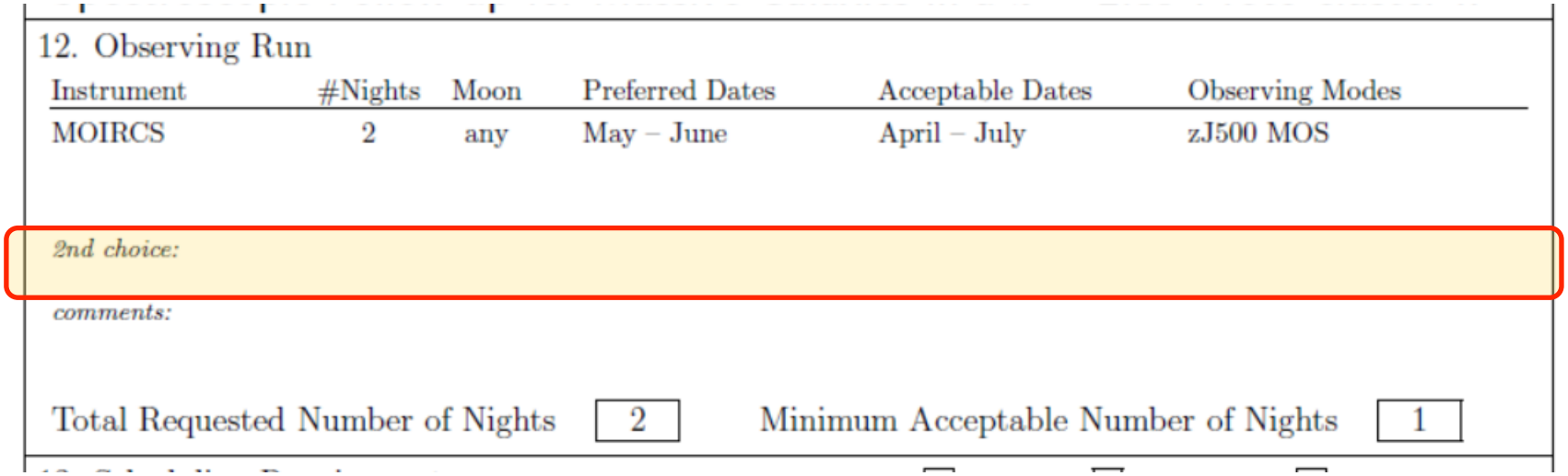
- Limited availability of dark nights

  - ✓ Currently almost all dark nights are allocated to HSC (or S-Cam) observations
  - ✓ It is very difficult to assign dark nights to observations with other instruments (e.g., optical spectroscopy with FOCAS)
  - ✓ encourage to use the time-exchange program and 2nd -choice instruments effectively

Recent changes/notes

- 2nd-choice instrument

  You can select 2nd-choice instrument in the cover page



12. Observing Run

Instrument	#Nights	Moon	Preferred Dates	Acceptable Dates	Observing Modes
MOIRCS	2	any	May – June	April – July	zJ500 MOS

2nd choice:

comments:

Total Requested Number of Nights 2 Minimum Acceptable Number of Nights 1

- ✓ We encourage to describe 2nd-choice if your science goals can be (fully or partly) achieved by other (Subaru/Gemini/Keck) instruments
- ✓ If 2nd-choice is blank, TAC basically judge that the proposers disfavor any other instruments in the program!

Recent changes/notes

- ToO proposals
  - ✓ Specify all possible instruments which can be used for the ToO observations (don't use "any"!)

- HSC narrow-band (or custom) filters
  - ✓ In many cases, only 1 NB filter can be used in each HSC run due to the limited number of the filter slots
  - ✓ Carefully read HSC instrument pages and check the predetermined filters by the HSC SSP observations
  - ✓ Operation/scheduling feasibility check by the observatory will be done for proposals which heavily use HSC NB filters

Changes in Service program

- From the next (S16B) semester
  - ✓ Cannot submit proposals whose targets are not specified at the proposal submission to the service program
  - ✓ Normal program formally accept such proposals including ToO ones
- Near future (from S17A?)
  - ✓ Technical details section will be added in the cover page of the service proposal
  - ✓ Some service proposals are ranked low because of a lack of the justification for the integration time

S16B schedule plan

- CfP open: around 2016/02/09

- Deadline for normal/intensive program

  2016/**03/09** (Wed) 12:00:00 JST

- Deadline for service program

  2016/**04/07** (Thu) 12:00:00 JST