

# P25: Introduction of IR-side Nasmyth (NsIR) management committee

**Naoyuki Tamura (Subaru Telescope, NAOJ) & all NsIR management committee members**  
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**Abstract:** In the updated organization structure of the Subaru Telescope observatory, the NsIR management committee has been defined in order literally to discuss multi-timescale management aspects on the NsIR platform. In this article, I introduce the background of its establishment, current membership, scopes, topics often discussed, and future perspectives of this committee.

## **Backgrounds & Major Scopes**

Before this committee's formal launch in Sep 2024, the predecessor was formed in Oct 2023 by Guyon, Hayano, Koyama, Ono, and N. Tamura (chair) for Subaru Users Meeting FY2023 to host a session to discuss NsIR future roadmap. The NsIR's future is still a critical scope for the current committee, but same time, more fundamentally, a special situation on NsIR as below should be dealt with:

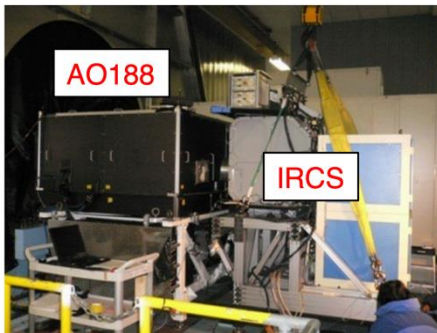
- **Both science operations and developments** are active.
- **Facility instruments & infrastructure and PI-type programs** share the platform.
- **Resources are limited in various ways.**

Therefore, the activities can easily be so ineffective nearly as chaotic without regular managements as well as a roadmap. Finding strategies and good balances to efficiently lead efforts into outputs is one of the challenges this committee tackles.

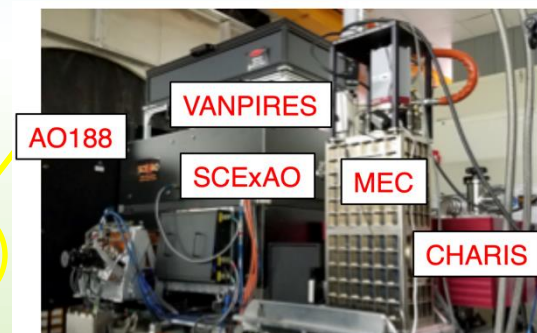
## **Current membership**

- Masayuki Akiyama (Tohoku Univ.)
- Olivier Guyon (Subaru)
- Takashi Hattori (Subaru)
- Yutaka Hayano (Subaru)
- Yusei Koyama (Subaru)
- Julien Lozi (Subaru)
- Yosuke Minowa (Subaru)
- Hirofumi Okita (Subaru)
- Masato Onodera (Subaru)
- Yoshito Ono (Subaru)
- Tae-Soo Pyo (Subaru)
- Yuhei Takagi (Subaru)
- Naoyuki Tamura (Subaru, Chair)

*Contact us if you are interested in seeing committee's discussions.*



Photos showing how the instruments are laid out on the NsIR platform:  
(Left) AO188 + IRCS  
(Right) AO188+ SCExAO with various modules



**Discussion formats:** Weekly meetings (more weights on planning) and non-regular dedicated meetings (for details) as well as e-mails etc. Minutes are sent to all staffs in Hilo and all researchers in Mitaka.

## **Discussion topics**

Only some of the major ones including those often queued in a waiting list ...

Practical/short term	Strategic/longer term
AO upgrade w/ DM3k@VIS-NIR	NsIR future roadmap
NsIR upgrade w/ Nasmyth Beam Switcher (NBS)	"Diet & eco" i.e. control of weight, space, power & heat
PI instrument reviews	NsIR operation as NBS system
IRCS background issue	AO bench optimal exploitation
Prep for call for proposal	Manage/track docs & issues
Pre/post (eng.) run discussions	PI instrument acceptance
Stabilize & speed up AO obs.	Pi type->facility transition

## **Summary & future perspectives**

- Regular opportunities of discussions have been quite useful to share issues, develop work plans and discuss results for short-term matters.
- Mirroring this, as there are quite a few short-term issues coming one after another, it has been difficult to secure enough time for discussions of long-term strategies such as future roadmap, operation model and so on. We will keep trying to optimize prioritization of various discussions.