

SAC Report

Tomoki Morokuma (SAC chair) on behalf of Subaru SAC
Astronomy Research Center (ARC), Chiba Institute of Technology

- SAC is discussing scientific operations of Subaru telescope to maximize its scientific outputs.
- Please feel free to talk to SAC members for suggestions, thoughts, or anything relevant to SAC.
- Minutes etc. (only in Japanese)
 - SAC meeting NEWSLETTER circulated to gopira ML
 - SAC meeting MINUTES available on Subaru website

Committee Members (2024.9–2026.8)

SAC Member

- INOUE, Akio (Waseda U.)
- IONO, Daisuke (NAOJ)
- KAWABATA, Koji (Hiroshima U.)
- KAWAKITA, Hideyo (Kyoto–Sangyo U.)
- KOMIYAMA, Yutaka (Hosei U.)
- KUBO, Mariko (Kwansei Gakuin U.) **vice-chair**
- MATSUOKA, Yoshiki (Ehime U.)
- MOROKUMA, Tomoki (Chiba Institute of Technology) **chair**
- OASA, Yumiko (Saitama U.)
- OGURI, Masamune (Chiba U.)
- SATO, Bun’ei (Institute of Science Tokyo)
- SHIMONISHI, Takashi (Niigata U.)
- TADAKI, Ken-ichi (Hokkai–Gakuen U.)
- TOMINAGA, Nozomu (NAOJ)
- WADA, Takehiko (NAOJ)
- MUTO, Takayuki (Kogakuin U.; from Sep 2025) <== UEMURA, Makoto (Hiroshima U.; until Aug 2025)
- Ex-officio (TAC chair)**

Observers

- MIYAZAKI, Satoshi (Subaru; Director)
- HAYANO, Yutaka (Subaru)
- KAMBE, Eiji (Subaru)
- KOYAMA, Yusei (Subaru)
- SANDERS, Dave (UH)

Major Discussion Items in Subaru SAC since Subaru UM FY2024

- ❑ PFS (**Day 2**)
- ❑ Roman-Subaru Synergetic Observations (**Days 1, 3**)
- ❑ Subaru 3 (**Day 3**)
- ❑ Discussion w/ TMT-JSAC (**Day 3**)
- ❑ International Partnership (**Day 2**)
- ❑ Dates of Subaru UM
- ❑ TAC: “One Proposal for One Project”, Distributed Peer Review (DPR), Unconscious Bias Survey (TAC report by Muto-san; **Day 2**)
- ❑ One additional night allocation in S25B for IRD-SSP
- ❑ Supplemental call for Rubin PI (**Day 3**)
- ❑ AG/SH removal from IR Nasmyth
- ❑ [ToO Intensive Program]

Dedicated/related **session/talk & discussion time**

Prime Focus Spectrograph (PFS)

- PFS Session on Day 2
- “COSMIC EVOLUTION AND THE DARK SECTOR: A PFS SSP FOR THE SUBARU TELESCOPE” (PI: Hitoshi Murayama)
 - 360 nights as requested
- **PFS-SSP observations have started from March 2025 (S25A).**
- All the open-use proposals are required to explain any overlap w/ SSP.
- “Access right to raw data”: approved after revision
 - discussed@Subaru UM FY2024 & this UM
- Target duplication incident btw. Normal/Filler programs
- Replacement of one NIR detector
- PFS Community Filler program
 - Mutual review (distributed peer review; DPR) was done (==> TAC Report).
 - Reconsideration of the value of PFS
 - wide-field, high multiplicity, wide wavelength coverage
 - <==> how about science cases for $>O(10^2)$ widely-sparsely-distributed objects?

Roman-Subaru

- Talk/Discussion by Sumi-san (Day 1)
- **100 Subaru nights** will be used for synergetic observations.
 - Likely to start from 2027
 - dark : bright = 50% : 50%
- Duplication w/ PFS-SSP should be avoided. (Day 3)
 - Duplicated proposal = same observing field, same scientific purposes

Rubin/LSST (Day 3)

- Comcam data (Data Preview 1; DP1) is available for Data Right Holders.
- Second call for Rubin PI application.

IRD-SSP

- One additional observing night was requested by the IRD-SSP team and approved by SAC.
 - One observing night in S24B was lost due to telescope trouble.

“ToO Intensive” proposals

- Discussion in Subaru UM FY2024.
 - ==> Quantitative investigation for previous ToOs ongoing.
 - ==> discussion@Subaru UM FY2026?

International Partnership

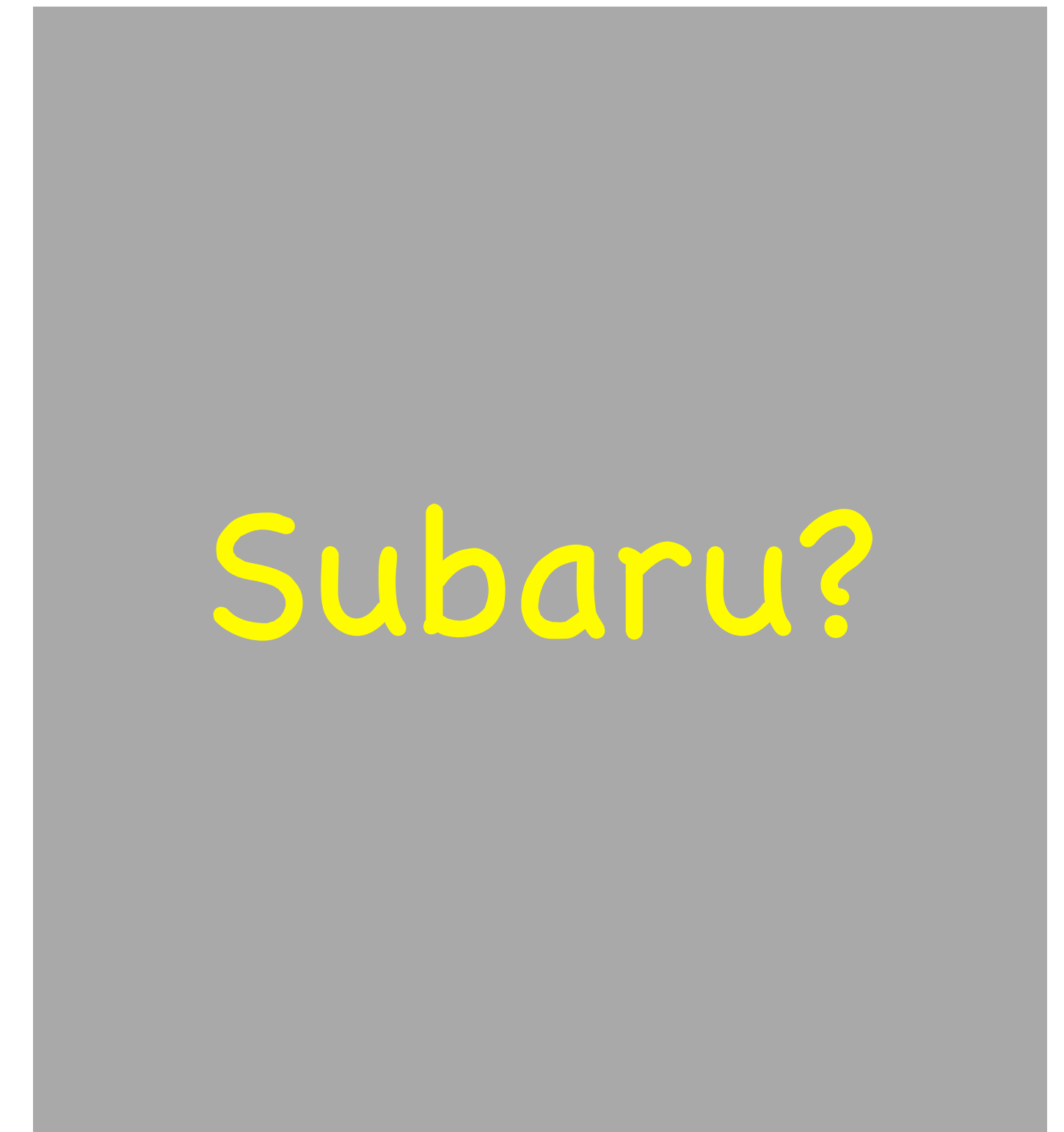
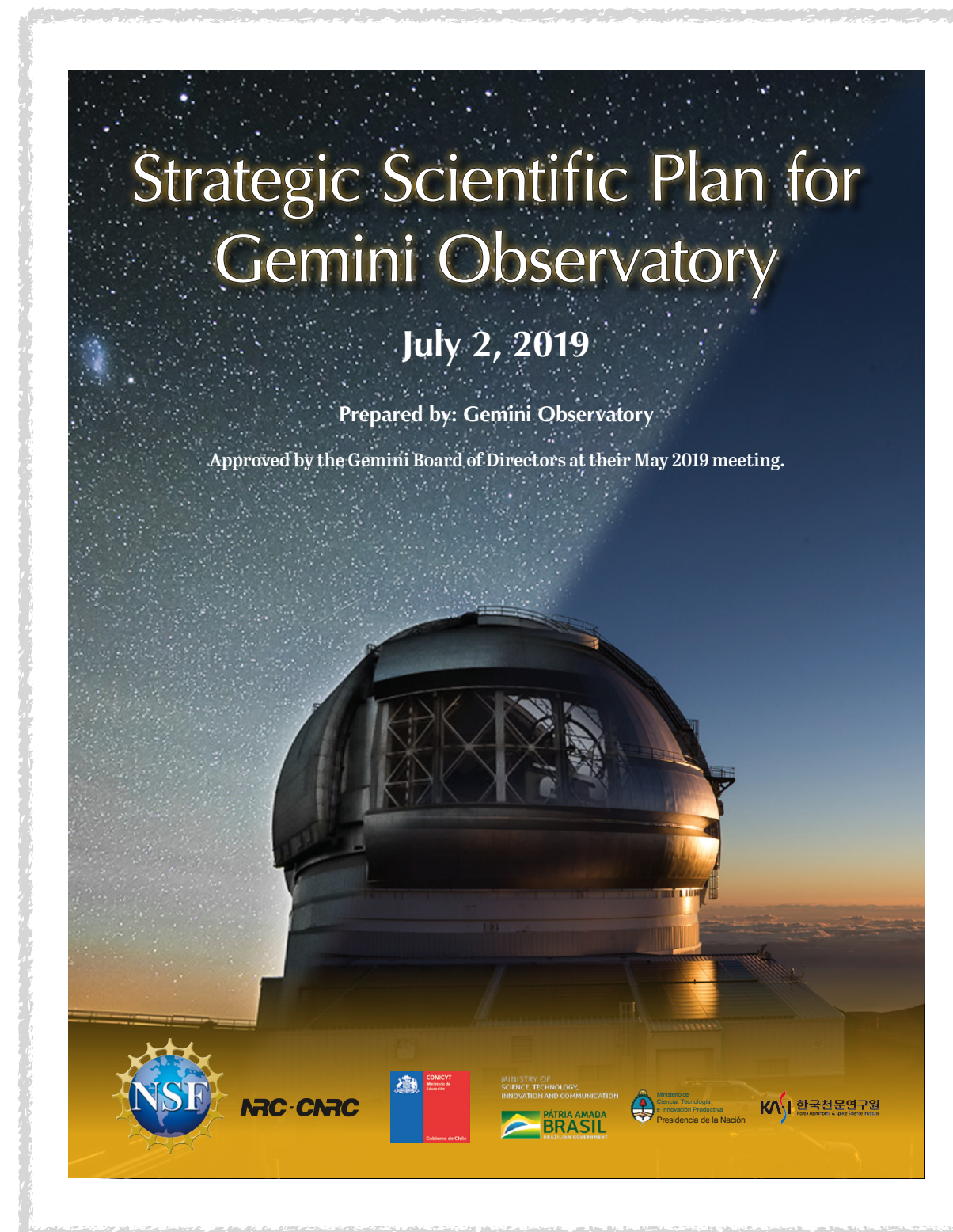
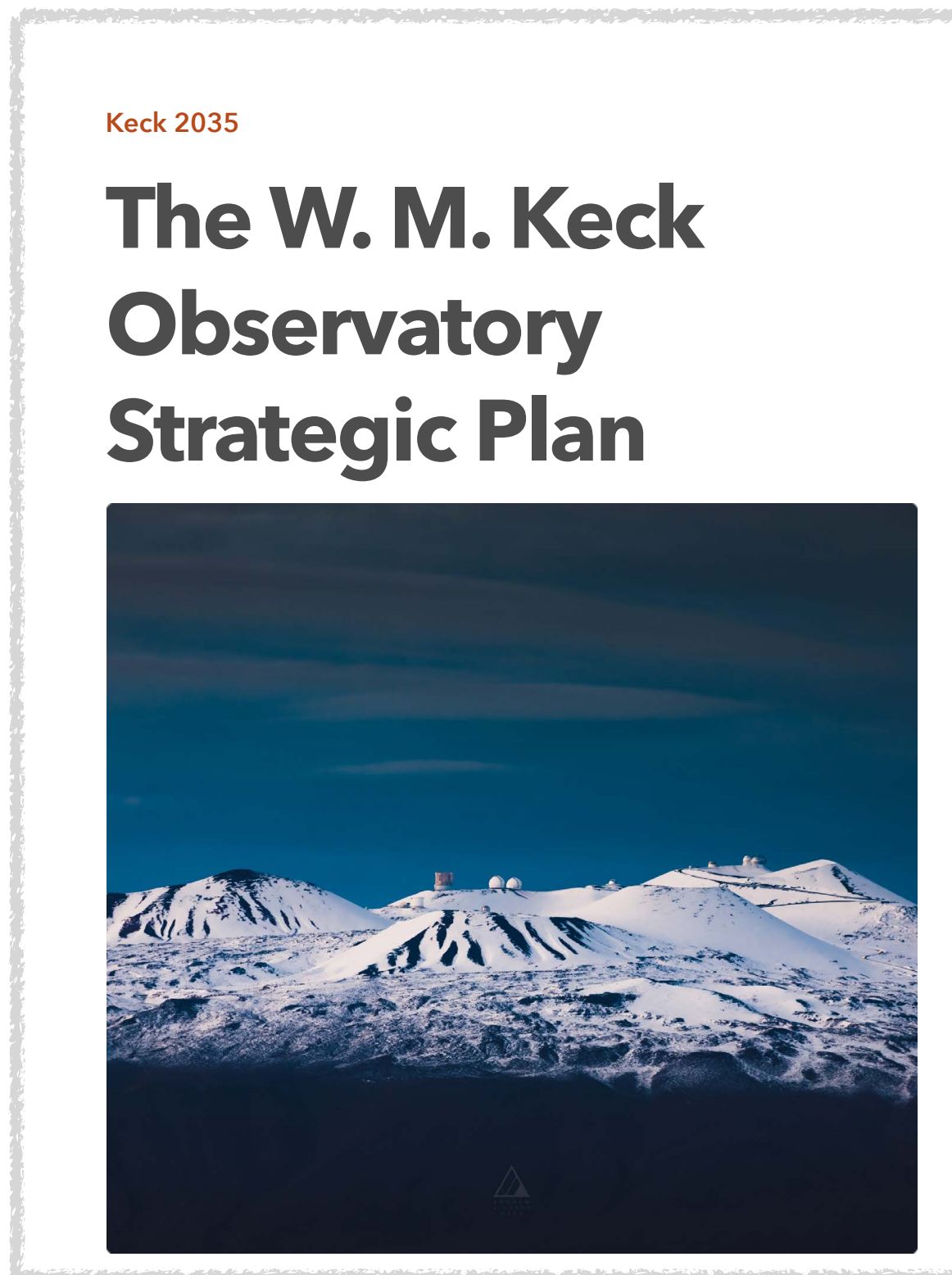
- First “Associate” candidate (UNAM, Mexico) (**Day 2**)
- TAC process: multi-TAC (no arrangement btw. Subaru/Mexico proposals)
 - will be discussed, and modified if necessary.

Discussion w/ TMT-JSAC (Day 3)

- One of the NAOJ director’s advisory matters to Subaru/TMT SACs. (Nov. 2024)
- SACs discussion (September 2025) led by D. Iono (NAOJ, Subaru SAC) & S. Nishiyama (Miyagi University of Education, TMT-JSAC)

Subaru 3 (booklet) (Day 3)

- Workshop (August 2024) + Discussion in Subaru UM FY2024 (Jan 2025)
- Other observatories (incl. Keck, Gemini) issued 30–40–page books for their future.
- Anybody welcome to join the subWGs (see [gopira:02354])
 - Exoplanets, Nearby galaxies, Galaxy evolution, Cosmology, MMA + Milky Way



Subaru 3 WG: M. Oguri, Y. Koyama, M. Ishigaki, M. Kubo, B. Sato, T. Morokuma

Reconsideration of Subaru UM Dates

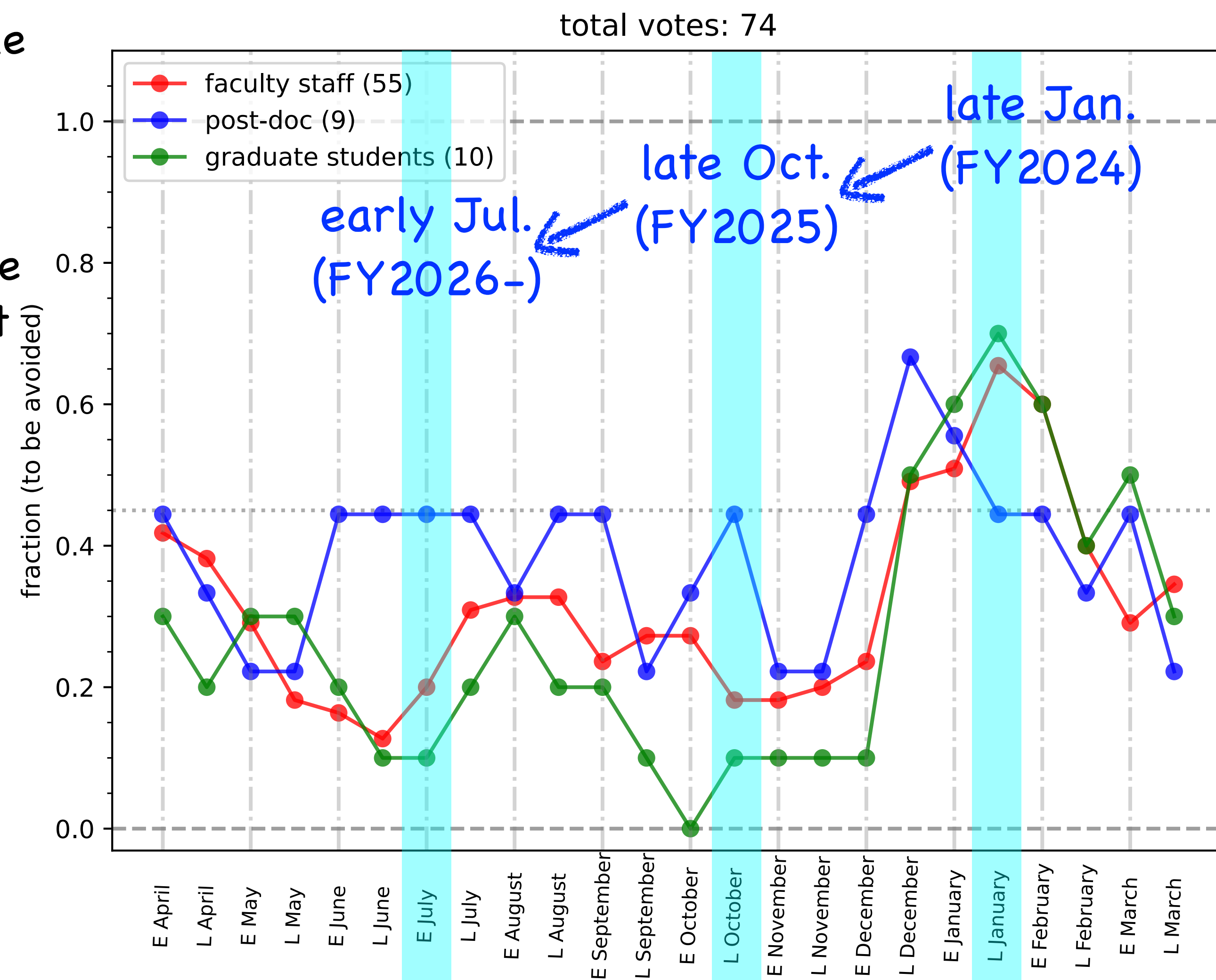
Thank you for your inputs !!!

- **Background:** The Subaru UM has been held primarily in mid to late January. However, we have received multiple opinions that this timing may coincide with the period for undergraduate/master/doctor theses and entrance examinations at universities, making it difficult to participate the Subaru UM. After discussions within the Subaru Science Advisory Committee, we concluded that there is no strong reason to hold the meeting in January. Therefore, we have decided to conduct a survey to reconsider the timing of the Subaru UM. ([gopira:02196])

- Community survey [gopira:02196], [gopira:02205]
==> result [gopira:02237]

- **Schedule**

- FY2024: Jan 2025
- FY2025: Oct 2025 (this UM)
- FY2026: (Early) July 2026
- FY2027: (Early) July 2027
- ...



Miscellaneous

- Request for removal of AG/SH unit from NsIR was approved.
==> already removed from NsIR and discarded in May 2025
- Policy on allocation of prime focus instruments (HSC or PFS or 2ndary mirror) finalized.
- PI-type Instrument WS (held on Oct 28)
- Approval of new TAC members
- Approval of new Seimei SAC/TAC members
- SAC Minutes will be made w/ AI softwares.