

(Subaru Users' Meeting FY2017, 2018/1/18)

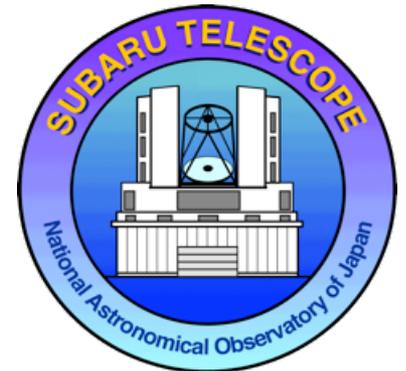
Report of Subaru International Partnership Workshops FY2017

Yusei Koyama (Subaru Telescope)

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supported by Subaru secretaries (Mitaka/Hilo)



Outline

- Subaru Workshop support program FY2017
- ULTIMATE-Subaru collaboration meeting

I. Overview of Subaru Workshop Support Program FY2017

Background:

- Subaru International Partnership Science and Instrumentation workshop (March 22-24, 2017 @ NAOJ)
 - <https://www.naoj.org/Projects/partnership/SubaruWS2017/index.html>
- We concluded that having small-scale, science oriented workshops is important to promote science and instrumentation collaboration between potential Subaru partner countries.



WS support program FY2017

https://www.naoj.org/Projects/partnership/ws_support2017/ws_support2017.html

- Travel support for invited speakers and other participants, especially young researchers / students, and cost for venue
 - Note: we only support flight ticket for foreign participants if the venue is outside Japan.
- The total budget is 4 million JPY (~US\$36,000).
- Two categories depending on the support size:
 - (a) maximum 2 million JPY (moderate size workshop/conference)
 - (b) maximum 500K JPY (small size workshop/meeting).
- Budget is handled by Subaru (Mitaka/Hilo)
 - We do not transfer the budget to other institutes.

Applicant eligibility & requirement

- Researcher(s) in Australia, Canada, China, Japan, Korea, Taiwan.
- Participation from multiple potential partner countries
 - Japan + at least 2 countries
 - Participants are not limited to researchers in the above countries.
- Workshop must be held in Japan, Hilo, or in partner countries.
- At least one session should be devoted for discussion on science or development in the era of Subaru international partnership.
- The organizing committee should include researchers from Japan + at least one partner countries and at least one Subaru Telescope staff.

Goals:

- Share future perspective and strategy, and identify best use of Subaru in a specific research field.
- Promotion of collaboration between researchers in Japan and potential partner countries.
 - Identify short-/mid-/long-term science collaboration
- Requests/suggestion for future plan of Subaru
 - Telescope operations
 - (e.g. open-use categories, scheduling, observing modes)
 - Instrumentation
 - (e.g. scientific demands, joint instrument development plan)

Workshops approved in FY2017

- 4 proposals were submitted, and the review committee (SAC + observatory staffs) approved them.
1. “Future Exploration of Star and Planet Formation with Subaru”,
 - Dec 7-9, 2017 @ ASIAA (M.Takami)
 2. “Planetary Nebula Research with Subaru Telescope in the Era of International Partnership”
 - Dec 11-13, 2017 @ Univ. of Hong Kong (M. Otsuka / T. Ueda / A.Tajitsu)
 3. “ULTIMATE-Subaru Collaboration Meeting 2018”
 - Jan 15-16, 2018 @ NAOJ/Mitaka (Y. Minowa / Y. Koyama)
 4. “Exploring the Transient Universe”
 - Jan 22-24, 2018 @ Swinburne Univ. (M.Tanaka)



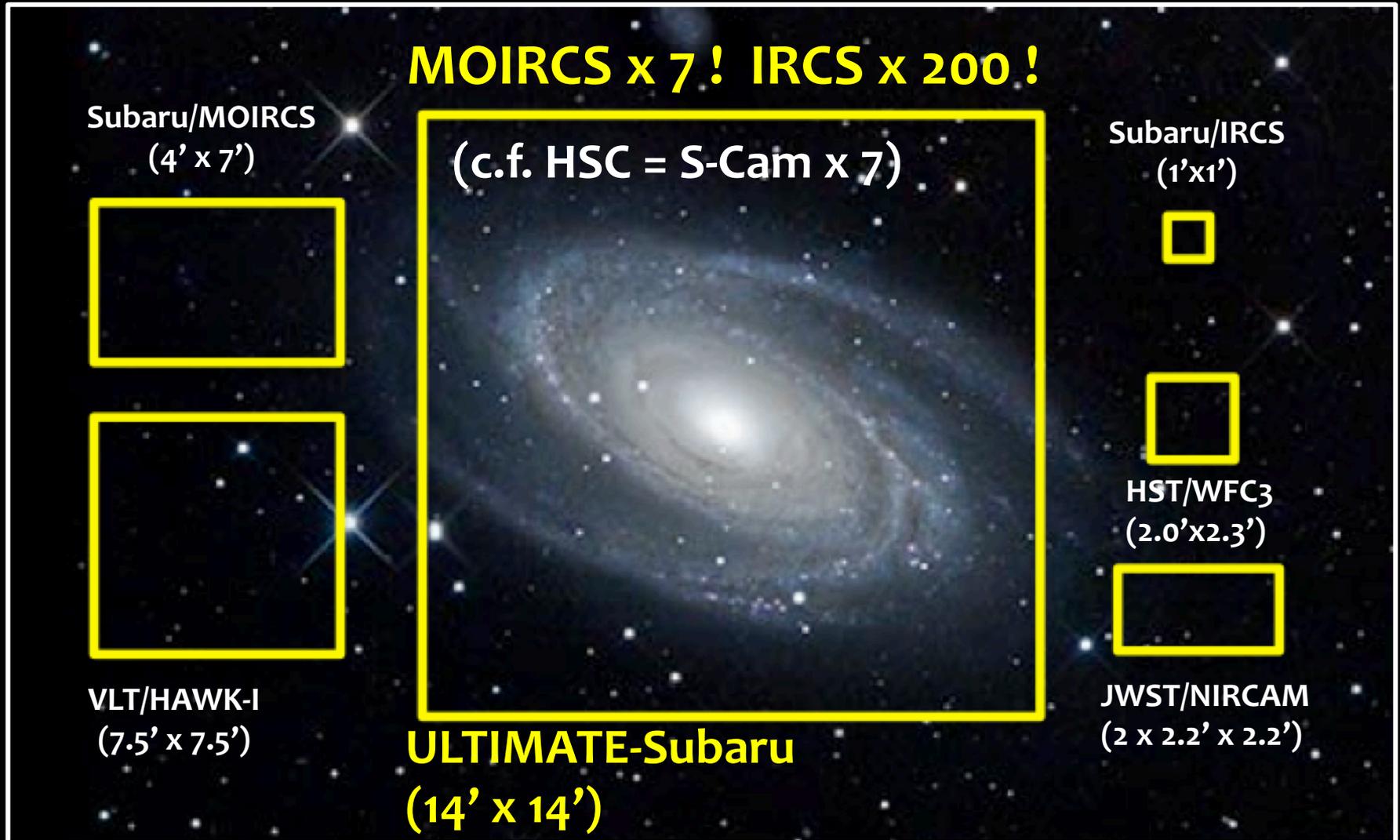
2. ULTIMATE-Subaru collaboration meeting 2018 (Jan 15-16, 2018)

https://www.naoj.org/Projects/newdev/ngao/201801_collabo_mtg/index.html

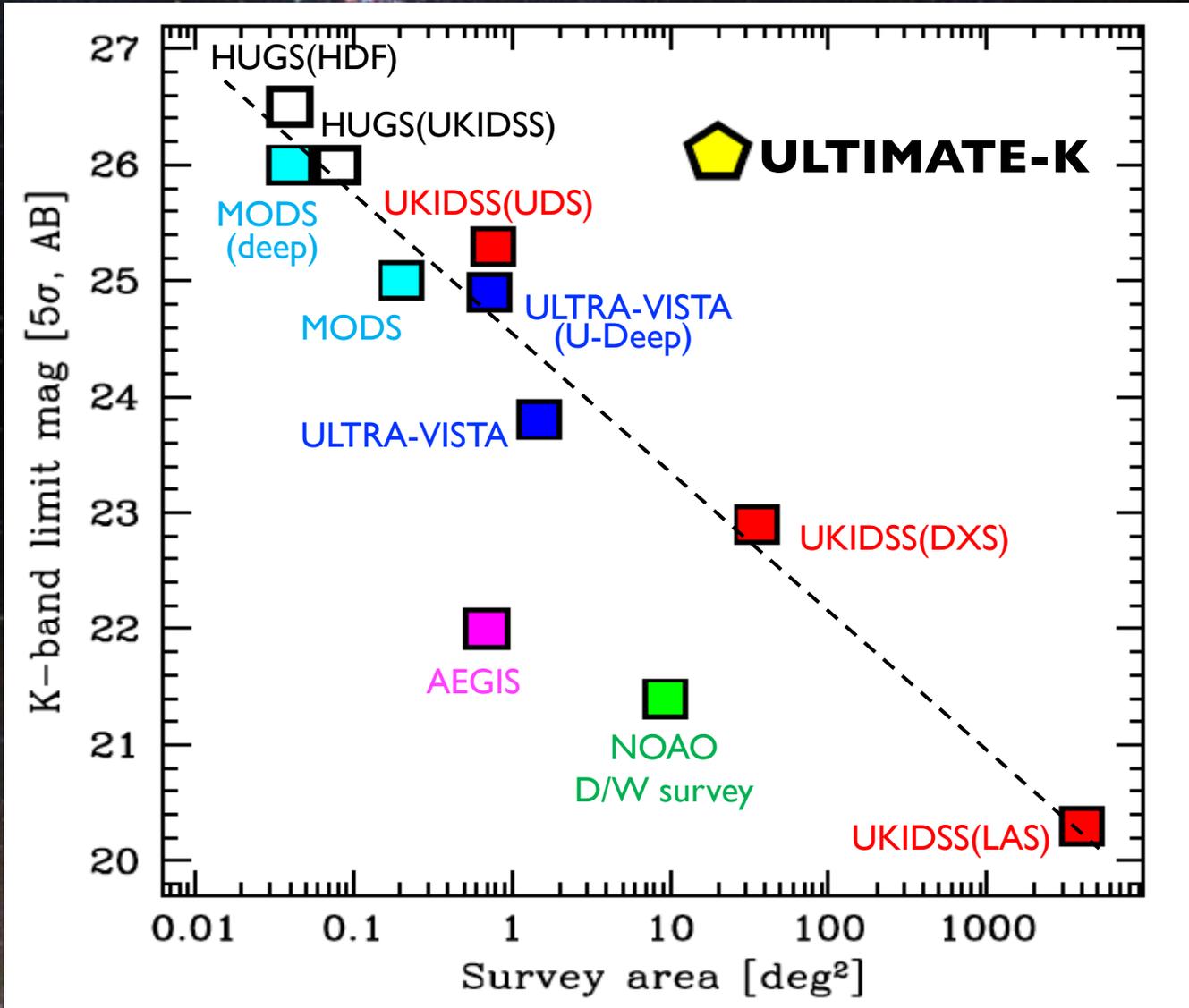
[Y. Minowa & Y. Koyama]

ULTIMATE-Subaru: GLAO + new IR inst.

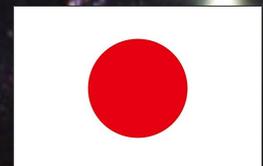
(ULTIMATE-Subaru talk on Wednesday by Minowa-san)



ULTIMATE K-band capability



Participants



- Yosuke Minowa (Subaru)
- Yusei Koyama (Subaru)
- Ikuru Iwata (Subaru)
- Takashi Hattori (Subaru)
- Michitoshi Yoshida (Subaru)
- Ichi Tanaka (Subaru)
- Christophe Clergeon (Subaru)
- Naruhisa Takato (Subaru)
- Masayuki Akiyama (Tohoku)
- Tadayuki Kodama (Tohoku)
- Kentaro Motohara (U Tokyo)
- Yutaka Hayano (NAOJ)
- Chris Lidman (AAO)
- Simon Ellis (AAO)
- Luc Simard (NRC)
- Dennis Crabtree (NRC)

- Nagayoshi Ohashi (Subaru)
- Yoshito Ono (Subaru)
- Yen-Ting Lin (ASIAA)
- Shiang-Yu Wang (ASIAA)
- Visa Korkiakoski (ANU)

- Blair Conn (ANU)
- Masao Hayashi (NAOJ)
- Ken-ichi Tadaki (NAOJ)
- Tomoko Suzuki (NAOJ)
- Hideki Takami (NAOJ)



Scope & discussion:

- **Project has been kicked-off !!**
 - Kick-off of the project with “ULTIMATE-START” (PI:Akiyama)
 - Official collaboration with ANU in AO development
- **This is the first “collaboration meeting” of ULTIMATE-Subaru to discuss with potential partners on:**
 - Project management and roadmap
 - Possible collaboration in science & development

Conclusion of ULTIMATE meeting

- Confirmed with the partners to continue our efforts to identify/fix the collaboration items.
 - Many interests from partner countries in collaboration in AO development and/or instrumentation of ULTIMATE.
- Need good framework on how to evaluate the contribution in telescope upgrade or instrumentation.
- Science team agreed to work together toward the CoDR (in July 2018) and beyond.

Announcement:

~ Subaru WS support FY2018 ~

- Will be announced soon (~February) after the FY2018 budget is fixed - deadline will be in ~May.
- Details (and changes from FY2017) are still under discussion – your suggestions are very welcome.