

Subaru Telescope International Partnership Workshop – Summary Report

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To: The Director of the Subaru Telescope

Workshop chair person	Name	Michitoshi Yoshida		
	Affiliation Job Title	Subaru Telescope, Professor		
	Tel	808-934-5946	E-mail	yoshida@naoj.org
Workshop title	EAO Subaru Science Workshop 2019			
Date	1 / 16 / 2019 – 1 / 18 / 2019			
Venue (address)	Korea Astronomy and Space Science Institute, Daejeon, South Korea			
Number of participants	67 people			
Workshop overview	<p>(Please briefly describe scientific rationales, and what you learned/achieved through the WS.)</p> <p>In order for East Asian Observatory (EAO) and Subaru to start international partnership, it is crucial for the EAO community to have bottom-up discussions to let them feel that it is good for the community to have this partnership with Subaru. It is possible for this kind of workshop to be held for each science topic to have deeper discussion on specific science cases. However, it may be difficult for the community to hold such workshops in the early phase of the collaboration. The idea of this workshop is that we begin with a workshop where we extensively discuss possible scientific areas, and more details will be followed up by individual science topic later. We chose science topics as widely as possible; from our solar system to distant galaxy/cosmology. There were three goals of the workshop; (1) to have better understanding and some consensus of Subaru international partnership, (2) to identify possible scientific areas for future collaborations, and (3) to share the concept and vision of EAO and to discuss Subaru partnership in the context of EAO.</p> <p>Participants from the EAO community had good personal interactions, which will be helpful to form future collaborations. The participants successfully shared scientific interests among the EAO participating countries, and was able to hold discussions projects for future collaborations. There were some presentations showing possible concrete collaborative projects as well. It was a good start for future further discussion of actual collaborations.</p>			
Discussion on Subaru international operation during the workshop	<p>(Please describe what you discussed toward the era of Subaru international operation)</p> <p>There were two presentations about the partnership; one given by China and the other given by South Korea. China presented optical-IR facilities they have in China, and explained that it is crucial for China to access 8-10 m OIR telescopes. South Korea showed their participation in the GMT project and also Gemini, and expressed the potential importance of the collaboration between Gemini and Subaru through EAO and also future collaboration between GMT and TMT through EAO.</p> <p>We hold a discussion session on the EAO-Subaru partnership. General opinions expressed were that the partnership with Subaru is welcome and good for the EAO community. In addition, not just buying machine time of Subaru, but also promoting scientific collaborations was well appreciated. Furthermore, the purpose of EAO making Asian regions stronger was well appreciated and the community understood that the partnership with Subaru can help to achieve such a goal. There were some opinions saying that the details of the partnership framework still have to be discussed carefully to ensure no unfairness. There were also some opinions talking about possible bilateral partnership rather than the partnership through EAO, but there was no strong negative opinions on the partnership through EAO.</p>			
Comments on the Subaru WS support program (if any)	It would be very important to continue such workshops, and we hope that Subaru/NAOJ can continue to support them.			

Note 1: You can adjust the size of the boxes as you want, but the report must be within 1-page.

Note 2: Please attach the final WS program and participant lists when submitting this report.