

Subaru Telescope International Partnership Workshop – Summary Report

Date: 12 / 23 / 2017

To: The Director of the Subaru Telescope

Workshop chair person	Name	Michihiro Takami		
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Workshop title	Future Exploration of Star and Planet Formation with Subaru			
Date	12 / 07 / 2017 – 12 / 09 / 2017			
Venue (address)	Institute of Astronomy and Astrophysics, Academia Sinica. 11F of Astronomy-Mathematics Building, AS/NTU No.1, Sec. 4, Roosevelt Rd, Taipei 10617, Taiwan, R.O.C.			
Number of participants	About 45 (see Section 2 of the separate report)			
Workshop overview	<p>(Please briefly describe scientific rationales, and what you learned/achieved through the WS.)</p> <p>This workshop is an initial meeting for researchers in star and planet formation in Japan and potential partner organizations/regions to discuss the future directions of our research field, how Subaru could impact our research field in the future, and to seek collaborations if appropriate.</p> <p>The workshop was tremendously successful. We have proven that international collaboration is powerful and exciting for exploring a variety of science cases, exploring new ideas, and trying to polish our science cases. See the separate report for details.</p>			
Discussion on Subaru international operation during the workshop	<p>To establish international partnership Subaru needs to figure what the other communities really want. We got opinions about the improvement, upgrades, and a new instrument described below:</p> <p>(Improvement) introducing the queue system; archive</p> <p>(Upgrades) SCExAO, IRCS, COMICS, HDS</p> <p>(New instrument) a wide-field imaging polarimeter</p> <p>We note that many of us at the workshop are interested in COMICS and IRCS, so it would be better for Subaru <i>not</i> to decommission these instruments.</p> <p>See Section 4 of the separate report for details.</p>			
Comments on the Subaru WS support program (if any)	<p>One of the senior representatives from potential partnership countries/regions/organization encourages Subaru and the Japanese community to have more workshop like ours this time for a variety of research fields. As our workshop this time would work as a good template for others in the future, we submit a separate report for details.</p> <p>On the other hand, our discussion was not complete due to limited budget, time and space. More workshops with a smaller number of participants and more focused topics would be useful for our discussion in depth, leading us to actual collaboration using Subaru in the future.</p>			

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.**