

summary report

# Kibo-ABC Workshop



55 participants

**Session Co-Chairs:**  
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**Mr. TANIGAKI Fumiaki (JAXA)**

# Participants of Kibo-ABC WS

**55** participants from **14** countries/regions, **21** organizations

Country	Participants	Organization
Australia	2	One Giant Leap
Bangladesh	2	MIT, NYSPI
Indonesia	3	LAPAN
Japan	18	JAXA, AES
Malaysia	5	MYSA, UPM
Nepal	1	NESARC
New Zealand	2	NZSA, NZAN
Pakistan	2	SPARCO
Philippines	1	PhilSA
Singapore	1	SSTL
Taiwan	6	NSPO, Gran Systems, 中興大, China Medical University
Thailand	5	NSTDA, Mahidol University
UAE	1	UAESA
Vietnam	5	VAST, STI
Unknown	1	-
Total	55	

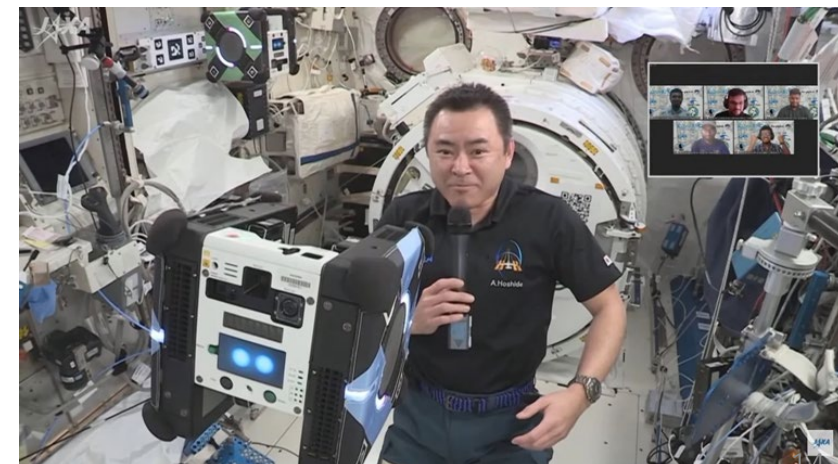
# Activity Summary

## 1. Kibo Robot Programming Challenge (Kibo-RPC)

- Kibo-RPC was held **successfully** two years in a row by using real robots and contributed to **human resource development** in the region.

### «Facts of 2<sup>nd</sup> Kibo-RPC in 2021»

- **11 organizations participated** (Australia, Bangladesh, Indonesia, Japan, Malaysia, Nepal, New Zealand, Singapore, Taiwan, Thailand, and Vietnam)
- **905** participants from **19** countries and regions applied
- **9 Preliminary Rounds** held to select national champions for **the Final Round in ISS**





# Activity Summary

## 2. Asian Herb in Space (AHiS)

- AHiS is ongoing with the participation of **12 organizations**.  
(Australia, Bangladesh, Indonesia, Japan, Malaysia, Nepal, New Zealand, Singapore, Taiwan, Thailand, UAE, and Vietnam)
- It is recognized that AHiS **ignites the passion of the next generation** in the region.



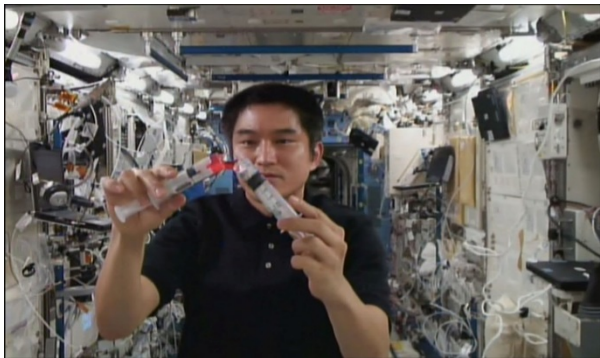
- Education programs with space seeds are being held by some organizations.  
e.g. **248,000 students in Australia** are participating in this program.



# Discussion

## 3. Asian Try Zero-G

- Kibo-ABC members discussed the plan for the **next Asian Try Zero-G**. It will be conducted by a Japanese Astronaut.
- Space experiments proposed by students will implement in ISS/Kibo.
- In addition to existing simple physics experiment categories, **a new category of “Physical Activities”** was suggested.



Existing simple physics experiments



Example of Physical Activities







# Next Kibo-ABC activities in 2022

## 1. Kibo Robot Programming Challenge

- 3<sup>rd</sup> Kibo-RPC is going to hold in 2022

## 2. Asian Herb in Space

- Each country will conduct educational and research programs in 2022
- Basil samples will be analyzed in Malaysia and Japan

## 3. Asian Try Zero-G

- We anticipate the next Asian Try Zero-G based on the discussion with Kibo-ABC members.

Please watch the video clip



## 2020-2021 SFWG ACTIVITIES

