



Kibo Utilization Workshop



■ Date & Time:

December 5th, 2023 – 09:30-13:00 (AEDT), 07:30-11:00 (JST)

■ Location:

- Powerhouse Museum, Sydney, Australia
- **Vimeo Stream (for attendees)** - <https://vimeo.com/event/3897757/f8aa715c46>

■ Schedule

12 presentations. Each slot is about 10 min including Q&A

MC: Matt Richardson (Australian Space Agency), with Darcey Watson (Andy Thomas Space Foundation) and Steve Campbell (Australian Space Agency Agency) assisting

Time (AEDT)		Title	Speaker
09:00 - 09:30 – Registration			
1. Opening			
09:30	5	Opening and welcome speech	Ms. Aude Vignelles, CTO, General Manager National Space Capability, Technology & Programs (NSCTP), ASA
09:35	5	Opening and workshop objectives	Dr. Masaki Shirakawa, Director, Kibo Utilization Center, JAXA (online/ video message)
09:40	10	Overview of Kibo utilization	Mr. Fumiaki Tanigaki, Manager, Kibo Utilization Center, JAXA
2. Education, Art and Culture			
09:50	10	Kibo-ABC and Art and Cultural Activities Onboard in Japan	Mr. Kyoichi Arakane, Kibo Utilization Center, JAXA
10:00	10	Kibo-ABC activities in Australia	Ms. Jackie Carpenter, One Giant Leap
3. Extravehicular Experiments in Exposed Environment			
10:10	10	Introduction of Mitsui Bussan Aerospace Activities on "Kibo" Utilization	Mr. Tsuyoshi Tenda, MBA (online)
10:20	15	Launch Service/ ISS Kibo external platform - J-SODD, i SEEP(ExBAS) -	Mr. Shuji Yamazaki, Space BD
	5	J-SSOD testimonial	Professor Phil Bland, Curtin University

4. Life Science Research in Microgravity			
10:40	10	JAXA's cell culture experiments and standardized cell culture system	Ms. Sayaka Umemura, JAXA (online)
10:50	10	Space Exploration Research Opportunities on the Commercial Experiment Platform in Kibo	Mr. Masanobu Oikawa, Digital Blast
11:00	10	ISS utilization business -Protein Crystal Growth-	Mr. Shuji Yamazaki, Space BD
11:10	10	ARC Centre of Excellence in Plants in Space	Professor Matt Lewsey (LaTrobe University)

11:20 – 11:35 Break (15 mins)

5. Material Science Research in Microgravity			
11:35	10	Utilization of the Electrostatic Levitation Furnace in the International Space Station (ISS-ELF)	Dr. Rina Shimonishi, JAXA (online)
11:45	10	Anti-microbial Polymer Development for Spacecraft Cabin Disease & System Contamination	Mr. David Corporal, Boeing (QLD)
11:55	10	Work with ISS	Dr. Sara Webb, Swinburne Uni

6. Other Opportunities			
12:05	10	JAMSS Experiences on Kibo Commercial Utilization	Ms. Kuniko Okada, JAMSS (online)
12:15	10	Orbital Age - Expanding LEO Utilization Toger	Mr. Atsushi Takata, Kanematsu (online)
12:25	5	Office of the Space Regulator – presentation – overseas payload permits, regulations etc.	Ms. Bron Hughes, Australian Space Agency

7. Closing			
12:30	5	Closing remarks	Ms. Aude Vignelles, CTO, General Manager National Space Capability, Technology & Programs (NSCTP), ASA
12:35	25	Networking (on site)	

13:00 Adjourn