

4th

International Space Station/ Japanese Experiment Module "Kibo"



Kibo Robot Programming Challenge (Kibo-RPC)



Astrobee
©NASA

SPACE * ROBOT * PROGRAMMING

JOIN US!

3rd Mission
©JAXA/NASA



Game scenario(fiction)

Refrigerant from the ISS external control system has leaked into the Kibo module. It arises toxic gases. Control Astrobee to stop the leakage of toxic gases and report to the astronauts!

Event schedule(tentative)

Application deadline: May 14, 2023 by 23:59

- ◎ April 2023 : Simulation environment open
- ◎ Around July 2023 : Each country/region Preliminary Round
(to determine representatives)
- ◎ Around September 2023 : ISS on-orbit Final Round

To be conducted using actual equipment onboard the ISS (NASA's Astrobee)

Entry Qualification

- ◎ Students up to graduate school in Kibo-RPC country/region
- ◎ A team is comprised of more than 3 members

Beginners are welcome!

Videos on program development procedures for beginners will be available and online information sessions will be held.
Register and get your hands on some programming!

▼ Click here for the latest information



Other Event

Asian Try Zero-G 2023

Consider an experiment in zero gravity! For information on the registration, please refer to the Twitter account of "@JAXA_Kiboriyo!"



Application is available on the website

Website : <https://jaxa.krpc.jp/>

Kibo-RPC Secretariat : E-mail : Z-KRPC@ml.jaxa.jp

