

APRSAF-13 Concept Paper: International Space Station (ISS) WG

This Working Group started afresh at the 12th APRSAF to facilitate effective joint utilizations of the space environment by Japan and other Asia-Pacific countries. JAXA has considered offering the opportunities to use the International Space Station (ISS) / the Japanese Experiment Module (JEM, KIBO) in a joint utilization. We expect the outcome of the ISS/JEM utilization will be beneficial for every Asia-Pacific country.

At the 12th APRSAF, representatives from some countries showed their interest in using the ISS/JEM, and representatives from Indonesia, Thailand and Vietnam showed their intentions of planning space utilization projects. JAXA dispatched delegations to these three countries for propagating advantages of the space environment utilization. In response to this activity, several research proposals on the experiments onboard the ISS have been made. JAXA is considering jointly developing these proposals to the experiment plans onboard the ISS.

Participants in the ISS WG are encouraged to make presentation concerning the following topics, and to discuss some plans to enhance the ISS/JEM utilization and space environment utilization among Asia-Pacific countries.

Topics

1. ISS and JEM program status
2. Activities Reports and Proposals from Participants
 - ✓ Activities related to the ISS and space environment utilization
 - ✓ Proposals toward the ISS/JEM utilization cooperation
3. Discussion toward the ISS/JEM utilization cooperation
 - ✓ Concrete steps toward the JEM utilization among Asia-Pacific countries
 - ✓ Joint studies among researchers and agencies on planning of the ISS/JEM utilization
 - ✓ Parabolic flight experiment as educational activity and as the first step to the JEM utilization research
 - ✓ Others
4. Comments, opinions, ideas, and issues to strengthen the international cooperation in the ISS/JEM and space environment utilization.