

Summary of The 1st Space Exploration and Kibo Utilization for Asia Workshop

The 1st Space Exploration and
Kibo Utilization for Asia
Workshop

Thursday, 28 May 2015,
LAPAN Headquarters, Jakarta, Indonesia



« Introduction »

1. As a part of the activities of Space Environment Utilization Working group (SEUWG) from APRSAF, The 1ST Space Exploration and Kibo Utilization for Asia Workshop including topics related to the field of space exploration was co-organized by LAPAN Indonesia and JAXA held successfully on May 28, 2015.
2. About 100 researchers and engineers from space agencies and research institutes in Asia-Pacific region participated in the workshop and exchanged ideas about the latest experiment on utilization of Kibo and space exploration.

《 Kibo Utilization for Asia 》

(1) After the presentation of the current status of the experiment of Kibo in space, researchers from Indonesia, presented several research topics as follows:

- a) Agricultural experiment research (**Banana Ripening**)
- b) Science and technology experiment (**Cubesat**)
- c) Medical science research (**Malaria**)
- d) Physics and material science research (**Composites**)

(2) Furthermore, speakers from Japanese industries introduced the current status of their researches and experiments related to Kibo Utilization and Space Exploration Activities.

《Space Exploration》

(1) In the second session, the global status of Space Exploration with on-going discussion was shared among the participants.

(2) Prof. Hitoshi Kuninaka from JAXA mentioned about the current status of Global Space Exploration and introduced the Space Exploration Innovation Hub as well as the expectation to further cooperation among the researchers in the Asian countries.

《 Recommendations 》

(1) The participants recognized the importance of formation of community towards the realization of researches on science and technology experiment, medical science, material science proposed for ISS/Kibo

(2) The participants also affirmed the importance of information exchange in the SEUWG community on the International Space Exploration.

« Recommendations »

(3) Indonesia, the host country, expects the increase of researchers and engineers from national research institutes and universities to further participate in Kibo Utilization and Space Exploration activities.

(4) The results of the workshop will be reported and shared at SEUWG of APRSAF-22, which is scheduled to be held in Bali, December 2015.

《 Action Items 》

- (1) The ideas regarding utilization of Kibo have to be discussed more intensively in the feasibility study that will be organized by LAPAN and JAXA.
- (2) JAXA should deliver updated information to institutes and universities in the Kibo Utilization Office for Asia (KUOA) web site.

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APRSAF-22 in Bali, Indonesia



1-4 December 2015

Hosted by

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