FIRST ANNOUNCEMENT

The 1st Space Exploration and Kibo Utilization Workshop for Asia

LAPAN Headquarters Jakarta, Indonesia

May 28, 2015

We are pleased to announce that the 1st Space Exploration and Kibo Utilization Workshop for Asia, organized by the Space Environment Utilization Working Group (SEUWG) of the Asia Pacific Regional Space Agency Forum (APRSAF), will be held on May 28, 2015, in Jakarta, Indonesia.

We would like to invite you to participate in the 1st Space Exploration and Kibo Utilization Workshop for Asia to share your profound experiences as well as your valuable thoughts and insights. Further details will be forwarded to you in a final announcement.

We sincerely hope that you will join us, and we look forward to seeing you and your colleagues in Jakarta, Indonesia.

Space Environment Utilization Working Group
APRSAF-22

Objectives

Kibo Utilization

SEUWG was established at APRSAF-12 as an opportunity for countries in the Asia-Pacific region to use the “Kibo” Japanese Experiment Module on the International Space Station (ISS/Kibo). For further utilization of the space environment, the WG shares needs and exchanges information on subjects related to the advantages and framework of using ISS/Kibo’s special function. The WG aims to promote utilization of ISS/Kibo among Asian countries in cooperation with Japan, the only ISS-participating nation in the region, in the fields of life science, space medicine, physics/materials science, space observation, earth observation, and advanced technology demonstration.

Space Exploration

The WG has begun exchanging information on space exploration and space medicine that was presented at APRSAF-21 to enhance cooperation in the region for future international exploration extending beyond the ISS program. To ensure firm progress towards international space exploration programs among the Asia-Pacific countries following the recommendations of APRSAF-21 in Tokyo last December.

- To improve our knowledge about the Earth, the solar system, and the universe by manned and unmanned space exploration
- To promote international cooperation for domestic, policy, security, and foreign policies
- To challenge advanced science and technology, for the acquisition of knowledge that leads to the future of mankind
  - New knowledge that creates a new way of thinking about life, the Earth, and the universe and has a significant impact on people's consciousness
  - To connect essential advanced science and technology in the area of space development activities to achieve innovation
- To contribute to the socio-economic development
  - Space development activities improve the safety and quality of people's lives as well as economic competitiveness
- To enhance the necessary infrastructure of space activities by actively promoting the construction and technical development of the system in order to achieve high reliability, safety, and efficiency

Date and Venue

Date: 28 May 2015

Venue: Indonesian National Institute of Aeronautics and Space (LAPAN)
Headquarters, Dirgantara Hall
Jl. Pemuda Persil No. 1, Rawamangun, Jakarta 13220, Indonesia
http://www.lapan.go.id/index.php/home

Organized by

Space Environment Utilization Working Group (SEUWG), APRSAF-22

Hosted by

Indonesian National Institute of Aeronautics and Space (LAPAN)

Co-Secretariat

Indonesian National Institute of Aeronautics and Space (LAPAN)

Japan Aerospace Exploration Agency (JAXA)

Tentative Program

Time	Event
9:00 - 10:00	Registration
10:00 – 12:00	・ Opening and Welcome Remarks <Dr. Thomas Djamaluddin (LAPAN)> ・ Workshop Objectives <Mr.Yoshiya Fukuda (JAXA) SEUWG Co-Chair> ・ Update Kibo Utilization Activities<Mr.Yoshiya Fukuda (JAXA) SEUWG Co-Chair> ・ Presentations by SEUWG agencies LAPAN <4 to5 speakers, To Be Scheduled > a) Agricultural research (e.g. 'banana ripening' in microgravity) b) Science Engineering and Technology research (e.g. Cube sat) c) Biomedicine Science d) Material science ・ How to utilize space experiment equipment and space science research items. ・ Aquatic Habitat/AQH, Mouse Habitat Unit/MHU <Mitsubishi Heavy Industries, Ltd> ・ Cell Biology Experiment Facility/CBEF, Plant Experiment Unit/PEU<Chiyoda Corporation> Q&A
12:00 - 13:00	Lunch Break
13:00 - 14:30	・ Presentations from SEUWG agencies < To Be Scheduled > Republic of Korea (KARI), Thailand (NSTDA), Philippines (DOST/SEI) < To Be Scheduled >, Vietnam (VAST/STI) < To Be Scheduled >, and others… Q&A
14:30 - 14:45	Coffee Break
14:45 - 15:30	Current Status of International Space Exploration ・Introduction about Space Exploration Innovation Hub <Director, Dr.Hitoshi Kuninaka (JAXA)> ・ Importance of the space medicine research and future development for manned space exploration < To Be Scheduled (JAXA)> Q&A
15:30 - 16:00	Discussion for Space Exploration and Summary <All> Closing Remarks SEUWG Co-Chairs <Ms.Clara Yanti(LAPAN) and Mr.Yoshiya Fukuda(JAXA)

※Tentative Program

Points of Contact

Ms. Noer Laela Sari (LAPAN), Ms.Yoshimi Osada (JAXA)

E-mail: SEUWG@aprsaf.org

Ms. Noer Laela Sari (LAPAN),
International Cooperation Division,
Indonesian National Institute of Aeronautics and Space
Jl Pemuda, Pemuda Persil No. 1 Rawamangun Jakarta 13220 Indonesia
Mobile: +62-81318999818, Phone: +62-21 4892802, Fax: +62-21 47882726

Ms.Yoshimi Osada (JAXA),
JEM Utilization Center, Human Spaceflight Technology Directorate,
Japan Aerospace Exploration Agency
ISS/Kibo Operation Building, Tsukuba Space Center（TKSC)
2-1-1,Sengen,Tsukuba, Ibaraki 305-8505 Japan
Mobile +81-90-1990-6267, Tel: +81-50-3362-3387(Direct)

Reference

Reference Movie: From Kibo into Deep Space, and Beyond

http://iss.jaxa.jp/en/kuoa/news/movie_1504/

ISECG：International Space Exploration Coordination Group
Space Policy Journal Special Issue about the "Global Exploration Roadmap"

http://www.globalspaceexploration.org/wordpress/

APRSAF activities

http://www.aprsaf.org/about/

SEU WG activities

http://www.aprsaf.org/working_groups/seu/

Kibo Utilization for Asia

http://iss.jaxa.jp/en/kuoa/

Kibo-ABC activities

http://www.aprsaf.org/initiatives/kibo_abc/