

Summary of 11th Korea-Japan Joint Seminar on Space Environment Utilization Research

Man's Pursuit of Innovation in Technology -Developing a New Look at Life and space -

July 24 – 25, 2014

The University of Tokyo

3-8-1 Komaba, Meguro-ku, Tokyo 153-8902, Japan

1. Dr. Makoto Asashima, professor emeritus of the University of Tokyo and fellow and director of National Institute of Advanced Industrial Science and Technology/AIST, delivered opening/welcome address, and encouraged productive research activity in both countries, given the possible extension of the ISS operation up to 2024. Participants appreciated the contributions of the University of Tokyo and JAXA in hosting this seminar.
2. Perspectives of the seminar and microgravity research in both countries were reported respectively by the chairs, prof. emeritus Makoto Asashima and prof. Chi-Hwan Lee from Inha University. The 2nd Korean microgravity society which is active since Jan. 2014 was introduced, and applauded by all of the participants. Substantial progress has been recognized in the space utilization research community in both countries.
3. Microgravity research communities in both countries have produced a steady flow of successful results and have progressed further in preparation of space experiments. It was recognized that the Korea-Japan collaboration have produced effective and useful data for future human exploration, which seems the next major space activity of humankind after the ISS.
4. Two science communities appreciate the substantial progress in Japan-Korea joint space experiment development, and expect continuous support by space agencies in both countries.
5. All of the participants extensively exchanged their opinions and provided valuable information for the microgravity science. The both parties, *i.e.* two space agencies and two science communities, agreed to explore the possibility to create successive Korea-Japan joint science experiment mission in this decade.
6. It was agreed to continue this seminar, as it is the next one will be hosted by KARI and science community in Korea. (The site/date TBD)
7. Mr. Hasegawa, vice president of JAXA, encouraged participants to continue further collaborations in scientific research between Korea and Japan, and accumulate useful and valuable data for humankind.
8. All participants expressed the condolence to Prof. Hiroo Inokuchi, the founder and promoter of this Seminar, who deceased on March 20th this year.

Co-Chairs: Prof. Chi Hwan LEE (Inha Univ.),

Prof. Makoto ASASHIMA (Univ. of Tokyo)

Date 27/7/2014 Signature L. Chi

Date 28/7/2014 Signature M. Asashima

9. Number of attendees

Categories of Reports	Korea	Japan
Opening and Welcome Remarks	N/A	1
Seminar Perspectives	1	1
General / Space Program Introduction	1	1
Combustion Science	1	1
Material Science	2	2
Life Science, Molecular & Biomedical Engineering-1	2	2
Life Science, Molecular & Biomedical Engineering-2	2	2
Closing Comments / Summary of Seminar	1	1
Presenters	10	11
Other Researchers	8	8
Attendees total number	18	19