



High-level Segment

Madam Chair and Distinguished Delegates,

On behalf of the University Space Engineering Consortium (UNISEC)-Global delegates, I am honoured and pleased to present UNISEC-Global's contribution to Capacity Building in space science and technology.

I would first like to congratulate the newly elected chairperson of the Committee, Ms. Rosa María del Refugio Ramírez de Arellano y Haro as she assumes this important post, and would also like to recognize Mr. David Kendall, the former Chairperson of the Committee for his dedicated contribution to the committee. I wish to acknowledge Ms. Simonetta Di Pippo, the Director of the United Nations Office for Outer Space Affairs, and her team for the excellent preparations for the UNISPACE+50 event and this conference. Finally, I express my sincere gratitude to all delegates present at the 61<sup>st</sup> session of the Committee on the Peaceful Uses of Outer Space.

Madam Chair and Distinguished Delegates,

UNISEC-Global has contributed to promoting practical space projects and activities at university level since its establishment in 2013 with the successful experiences of UNISEC activities in Japan since 2002.

Let me briefly touch upon some of the UNISEC-Global activities since the last February when I was given an opportunity to share our activities at Science

and Technical Subcommittee. With one of the main themes being to make access to space technologies for young researchers and university students across the world easier, especially for those in non-space faring countries, we have sent teaching instructors to UAE to carry out the HEPTA-Sat hands-on training program at the UAE university in March, and in April, dispatched one instructor to Namibia to perform the CanSat hands-on training program at the Namibia University of Science and Technology.

As to providing opportunities to exchange knowledge, experiences, information on practical space projects, we are now preparing for the 6<sup>th</sup> UNISEC-Global meeting in cooperation with the International Space University which will be held in Strasbourg, France in November 19<sup>th</sup>-21<sup>st</sup>, 2018. The 6<sup>th</sup> UNISEC-Global Meeting is a following up from the fruitful results of the 5<sup>th</sup> UNISEC-Global Meeting at Sapienza-University of Rome, Italy in December 2017. During the 6<sup>th</sup> UNISEC-Global Meeting, the 5<sup>th</sup> Mission Idea Contest for Micro/Nano Satellite Utilization will be organized for a final selection based on innovative mission ideas to satisfy any of the UN Sustainable Development Goals (SDGs).

Madam Chair and Distinguished Delegates,

We have also an annual educational training program which would contribute to our goals – practical space engineering and easier access to space technology, the CanSat Leader Training Program (CLTP in short). CLTP provides participants with opportunities to learn the whole process of satellite engineering using the model satellite.

Upon completion of the CLTP Course, participants are expected to play a leading role in disseminating the acquired space knowledge to their students at

home. Currently, 73 participants from 34 countries have been graduated from CLTP. We plan to hold the 9<sup>th</sup> offering of this program in the coming August at Nihon University, Chiba, Japan. We will use, as a model satellite, HEPTA-Sat which is demonstrated at our exhibition booth here in the C building.

Madam Chair and distinguished delegates,

I would like to introduce UNISEC-Global's projects which are initiated by universities in Local Chapters. Details will be explained in the technical presentation next Monday and Tuesday, so I will just name them here: the Global Antenna Sharing Project initiated by Kyushu Institute of Technology, UNISEC-Japan with collaboration with Istanbul Technical University, UNISEC-Turkey, the BIRDS project initiated by Kyushu Institute of Technology, UNISEC-Japan, the Standardization of electrical interface Project initiated by University of Würzburg, UNISEC-Germany, the Global University Space Debris Observation Network (GUSDON) initiated by Sapienza University of Rome, UNISEC-Italy and the Store & Forward Constellation Project initiated by University of Tokyo, UNISEC-Japan.

Madam Chair and distinguished delegates,

UNISEC-Global will help to create a world where every country can access space and space technology regardless of its economic status. Currently, we have 15 local chapters and points of contact in 47 regions and countries, 135 university members from 40 countries are working on such practical space projects.

The key principle of the 2030 Agenda for Sustainable Development is “No one will be left behind.” We would like to do our best to realize “***a world where***

***university students can participate in practical space projects in ALL countries***” in cooperation with many other organizations that share the same values. You may think I am saying something impossible. But, I would like to remind you that only 15 years ago, nobody believed that university students could build, launch and operate satellites. Now, we see university students are doing such activities in many corners on this planet.

I would like to conclude my statement by sharing an African proverb which always inspires and encourages me.

***“If you want to go faster, go alone. If you want to go further, go together.”***

Space is infinite, and we can go further and further if we go together.

Thank you for your kind attention.