Introduction to UNISEC-Global

November 18, 2021

UNISEC-Global Overview

- **UNISEC-Global** is an **international nonprofit, non-governmental organization**, consisting of local-chapters across the world.

- Since its **establishment in November 2013**, it has provided an annual forum, training programs, competitions.

- In 2017, it was accepted as **permanent observer by UN Committee on the Peaceful Uses of Outer Space (COPUOS)**.

- Its **primary objective** is to help create a world where space science and technology is used by individuals and institutions in every country, rich or poor for peaceful purposes and for the benefit of humankind.

21 Local Chapters, 55 Points of Contact,188 university members

UNISEC-Global "Vision 2030-ALL"

"By the end of 2030, let's create a world where university students can participate in practical space projects in all countries/regions."

Changed from the original
"Vision 2020-100"

In every country, there must exist some space-related experts as they need to at least purchase some space-related products, such as communication satellites, GPS or earth observation services etc.

**The 2030 Agenda for Sustainable Development
Key principle: No one will be left behind.**

UNISEC-Global's Approach

Training Program

H E P T A -Sat Training

CanSat Leader Training Program

Forum, Conferences, Technical competitions

UNISEC-Global Meeting, Mission Idea Contest, Nano-satellite Symposium, CanSat Competition

Vision 2030-ALL

Debris Awareness and Solutions

Debris Mitigation Competition

IAA Study Report: A Handbook for Post-Mission Disposal of Satellites less than 100kg

Support International collaborative Space Projects initiated by member universities

UNISEC GLOBAL
University Space Engineering Consortium

UNISEC-Global History of Activities

Year/Activity	CLTP	DMC/DDC	MIC	Nano-satellite Symposium	UNISEC-Global Meeting
2010				1st	
2011	1st and 2nd		1st	2nd and 3rd	
2012	3rd		2nd	4th	
2013	**4th**		**Pre 3rd**	**5th**	**1st (Japan)**
2014	5th		3rd	-	2nd (Japan)
2015	6th		Pre 4th	6th (ISTS30)	3rd (Japan)
2016	7th	1st	4th	7th	4th (Bulgaria)
2017	8th	2nd	Pre 5th	8th (ISTS31)	5th (Italy)
2018	9th		5th	-	**6th (France)**
2019	10th		6th	9th (ISTS32)	7th (Japan)
2020	Postpone		Postpone	Postpone	Virtual (monthly)
2021	Postpone		**7th**	**10th (ISTS33)**	Virtual (monthly)

UNISEC-JAPAN (2010–2013)

UNISEC-GLOBAL (2013–2020)

How to join UNISEC Community?

- **University member**
  - Take a position of Point of Contact in your region/country and learn UNISEC system and activities. Submit the application for POC
    http://www.unisec-global.org/pointofcontact.html
  - Establish your UNISEC by finding other university(s) to cooperate with yours. Submit the application for Local Chapter
  - http://www.unisec-global.org/localchapters.html
- **Corporate member** (non-university)
  - Submit the application for corporate member
    http://www.unisec-global.org/corporate_member.html

    (Individual – Contact the secretariat (no category yet))