

Business Development of HEPTA-Sat Program – Group 4



November 30, 2019
the 7th UNISEC Global Meeting

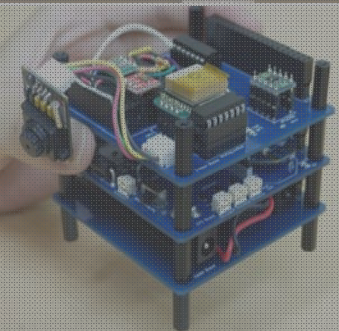


Business Development of HEPTA-Sat Program

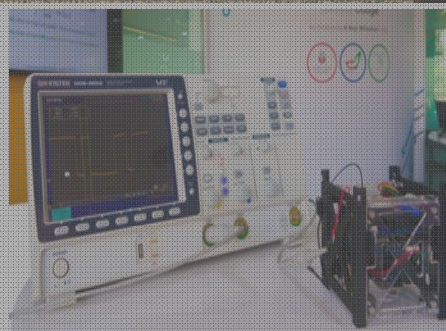
Moderator: Masahiko Yamazaki, Nihon University

Co – Moderator: - Michael Siddall, University of South Australia

Assistant: Haruki Momose, Nihon University



hepta-sat
training





◆ HEPTA-Sat Space Systems Engineering Program started since 2012

- **Purpose:** Contribute to capacity building in space technology.
- **Product:** Training package(Instructor, Kit, Textbook) and Training

◆ Annual Training Program for Instructor

- CLTP8(2017)~CLTP10(2019) in Japan

◆ International Space University

- SHSSP(2019,2020), SSP(2019)

◆ University Training and Curriculum

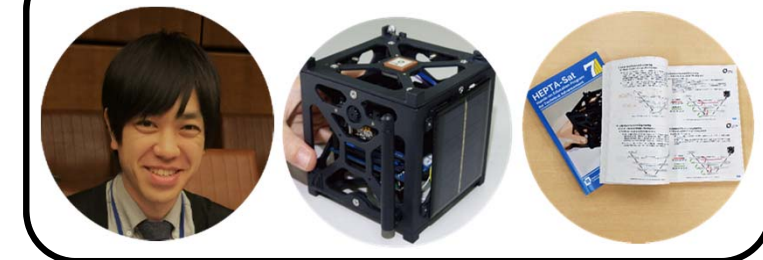
- UAE University, Sofia University, etc.

◆ Workshop collaboration with UNOOSA

- International workshop in South Africa(2017)



Training Package



Training



Host countries

● 9

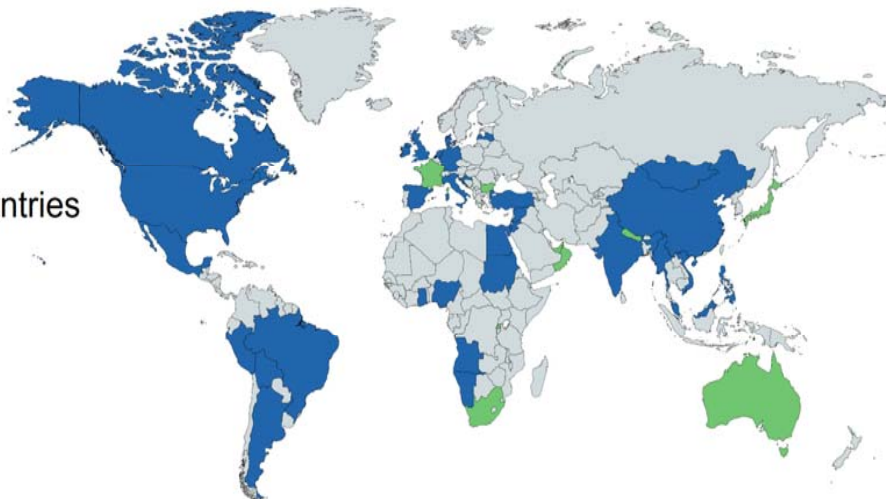
Participating countries

● 53

Trainees

324

During 2017.10~2019.11



Participants distribution since Oct.10 2017



SHSSP(International Space University)

HEPTA-Sat Program

Training Package



SAVE
TIME

SAVE
MONEY

SHARE
Design
Language

Purpose

- The purpose of this session is to design a sustainable business framework (how to create a self funded and self sustaining program) and to work with potential partners and collaborators.

Keywords: HEPTA-Sat, capacity building, self-learning, satellite, training, sustainability, business plan

Output

- Identifying action items for the coming 2 days towards the final presentation on December 3rd and making one-year plan. 30 minutes

Points of Note

- It is unlikely that a one size approach will fit all locations due a variety of factors e.g. access to technology, financial and risk of utilization of cube satellite technology outside of peaceful uses of space technology.
- Continue building upon the points established in UNISECGLO meeting 6 Group 8 about distribution of HEPTA-Sat eco system over the world.
- Ensure that nations developing space capabilities have access to this technology and that is affordable.
- How do we provide the HEPTA-Sat technology in an affordable manner for developing space nations and small businesses.

Skillsets required for this group

- Thinking outside the box
 - There are no wrong ideas
- This is a very brief outline of Group 4 – Tasks and Objectives to achieve over the next 3 days. It is not an easy task but one that we hope to have the beginnings of a framework to develop these goals.

Thank you for taking the time to listen to our presentation.

November 30

- **11:00-12:00** **Short Presentation** on Business Development of HEPTA-Sat Program Discussion
- **12:00-15:30 Breakout Session** (Business Development)
Meet your assistant who sets up a placard and follow him/her.
Lunch at the Central Cafeteria (Chuo-Shokudo)
Discussion at Faculty of Engineering Bldg.7
- **15:30-15:50** Come back to Koshiba Hall and Coffee Break
(coffee/tea will be served)

December 3

- 9:00-10:00 Preparation for presentation (optional)
- **10:00-10:50** Final Presentation (9 groups)