Exhibitor’s Presentation
UNISEC-Global

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UNISEC is a non-profitable organization to support practical space development activities in universities and colleges, such as small satellite and hybrid rockets, since 2002.

Over 30 Countries take part in the UNISEC-Global

UNISEC’s aim

Human Resource Development
Technological Development
Outreach
CanSat

The idea of CanSat was purposed by Prof. Bob Twiggs in 1998. CanSat is used to teach space technology. It consists of microcomputer, ROM, battery, transmitter and some sensors.
i-CanSat

• Study tool used for CLTP, designed by Prof. Sahara
• Six layers that contain all the basic function of CANSAT
  • GPS, Communication system, Memory, Sensors, OBC

• Take a look at it at the UNISEC-Global Exhibition!!
What i-CanSat Can Do

• Take photos
• Track GPS and store into log
• Take acceleration/gyro/thermo/pressure data and store it into log
CLTP (CanSat Leader Training Program)

• CLTP invites many Professors/Ph.D.’s from around the world. They will learn CanSat and introduce them to their students.
  • CLTP 1 Wakayama University
  • CLTP 2 Nihon University
  • CLTP 3 Tokyo Metropolitan University
  • CLTP 4 Keio University
  • CLTP 5 Sep. 2014, Hokkaido University
  • CLTP 6 Sep. 2015, Hokkaido University
  • CLTP 7 Sep. 2016, Hokkaido University
CTP (CanSat Training Program)

- Various other training programs using i-CanSat have been held.
  - Feb 2016, University of Tokyo
  - March 2016, Muroran Institute of Technology
  - April 2016, Australian National University
  - May 2016, University of Tokyo
  - July 2016, High school teachers
Feb 2016, University of Tokyo

- Four students from the University of Tokyo
April 2016, Australian National University

• Three students and a Professor from ANU
HEPTA

• Developed by Prof. Yamazaki from Nihon University
• 7cm by 7cm by 7cm kit to build miniature “CubeSat”
  • Contains basic components of Cubesat (but this one does not go to space)

• Take a look at it at the UNISEC-Global Exhibition!!
The next CLTP

• The date for CLTP 8 has been decided!

• Date; September 7 to September 16, 2017
• Place; Nihon University (TOKYO!!)
• Fee; Free (but Accommodation/Flight is not included)
• Material; HEPTA-sat