



Group 7

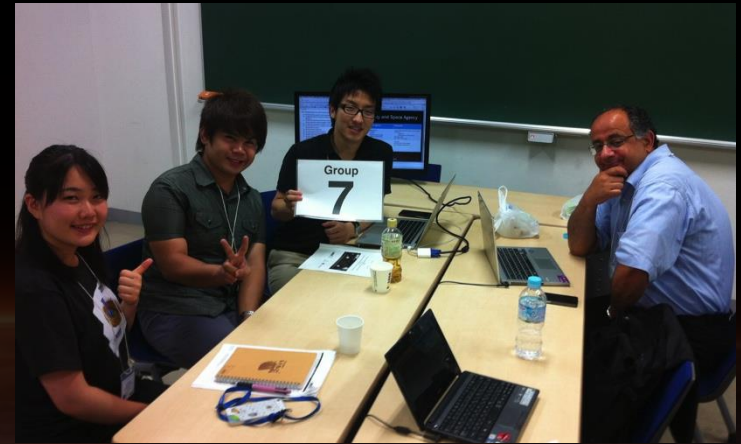
**How should Space Agency
support university space activities?**

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The 3rd UNISEC Global Meeting

Members

- Kentaro NISHI, JAXA
 - ADCS, micro satellite
 - ISS program
- Mayu BANNO, TMU
 - RCS, micro satellite
- Rustem Aslan, Istanbul Tech University
 - professor
 - aerospace engineering
- Kim Herrera, BPSU ISU
 - masters in space studies



University's Space Activities

- Today, University student's skills and experiences have been more sophisticated
- and some of them can develop satellites which challenge more practical missions such as science, exploration, Earth observation and so on.
- On the other hand, university students in developing country also have started to develop their own CanSat or micro satellites for their future development.

at the Group Discussion

At the beginning, let us focus on these points:

- University and Space Agency, what is one's strengths and weaknesses?
 - resources
 - flexibility
 - objective of researches
 - etc...
- Is there any good practice for collaboration between university and space agency?

University and Space Agency

| | Space Agency | University |
|----------|--|--|
| Strength | <ul style="list-style-type: none">-Big project-Funding-Facility-High level technology-Political dependency | <ul style="list-style-type: none">-Human Resources(Students and Faculty)-Flexibility<ul style="list-style-type: none">-research-international collaboration-Can take risks-Can work new things |
| Weakness | <ul style="list-style-type: none">-Political dependency-Human resources-Bureaucracy-Pressure for success | <ul style="list-style-type: none">-Funding-Limited time in the project-Technology & experience-Individual(if there is no UNISEC) |

How Should Space Agencies Support University Space Activities?

Space Agency shall

- make a good coordination
- have adequate facilities for R&D (testing facilities, ground stations, ..)
- give opportunity for university to take part in their big project
- teach the affordable ways of carrying out space projects
- provide onsite, online courses together with professors/instructors from academia and industry
- fund for scholarships, events, projects
- provide project topics

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How should Space Agency support university space activities?

