



Group 7

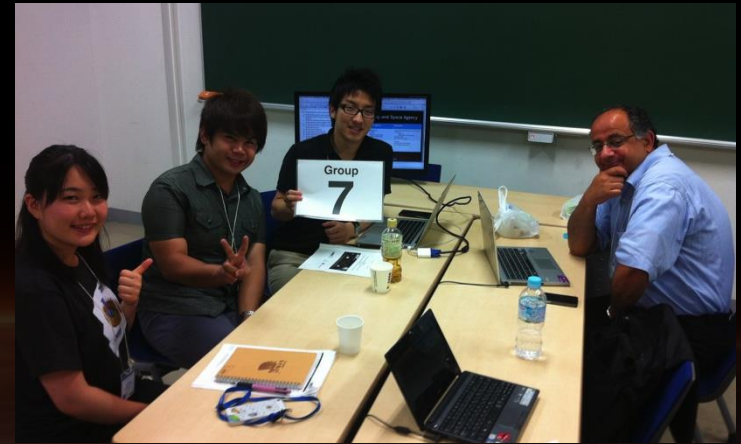
**How should Space Agency  
support university space activities?**

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The 3<sup>rd</sup> UNISEC Global Meeting

# Members

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

# 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?

