



2nd UNISEC Global Meeting
18 November 2014, Kitakyushu



Space education activities and local UNISEC establishment in Taiwan

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Space Education Actors In Taiwan



National Cheng Kung University (NCKU)



National Central University (NCU)



National Taiwan University (NTU)



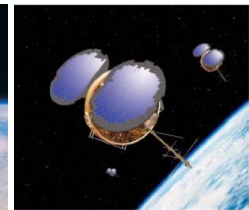
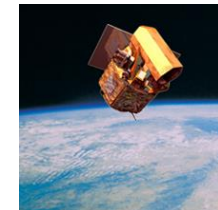
National Tsing Hua University (NTHU)



National Space Organization (NSPO)



NSPO





Space Education Actors In Taiwan



National Cheng Kung University (NCKU)



National Central University (NCU)



National Taiwan University (NTU)



National Tsing Hua University (NTHU)



National Space Organization (NSPO)



NSPO

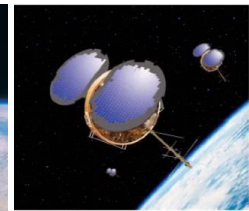
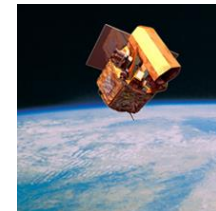


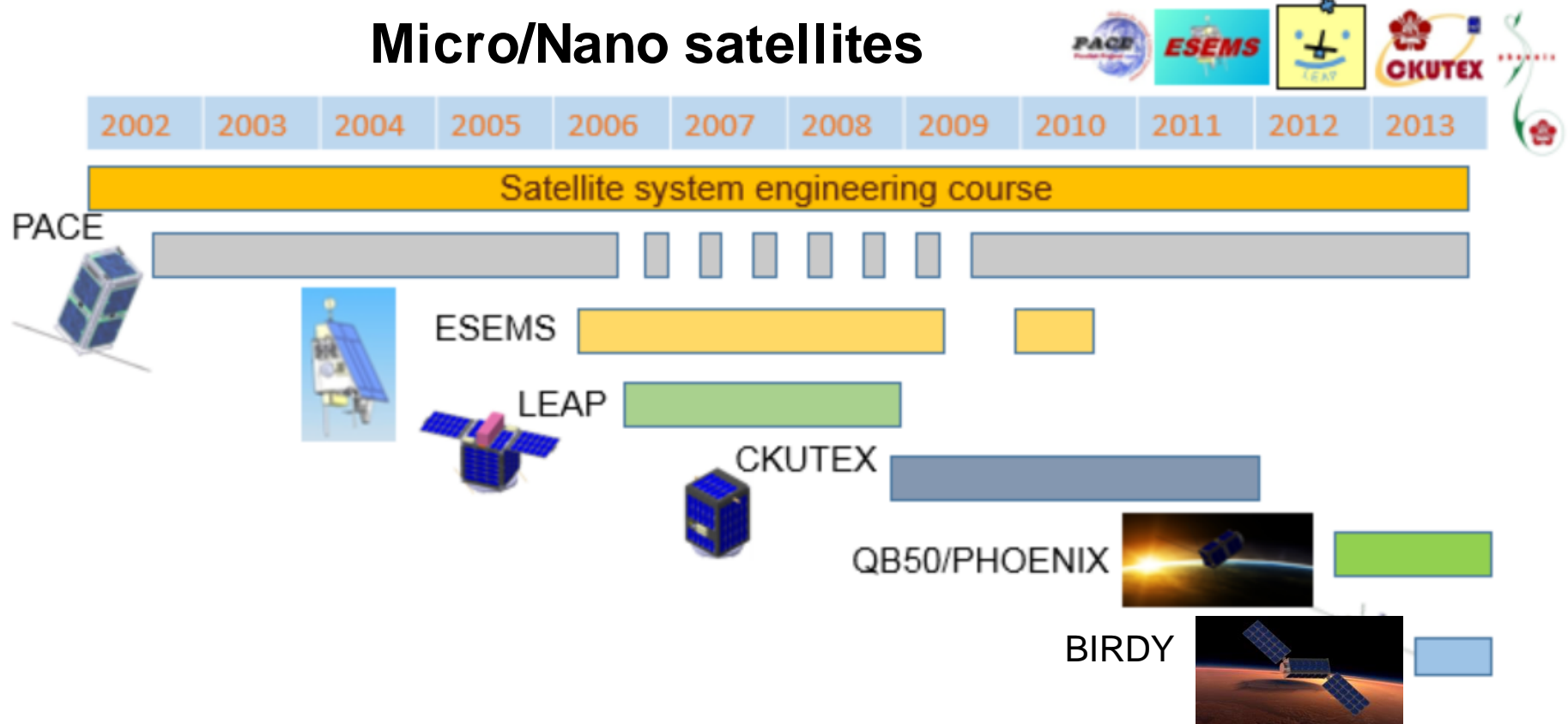


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Micro/Nano satellites



Sounding Rockets



NSPO rocket (Universities Scientific Payloads)



**NCKU rocket
(NCKU Scientific Payloads)**

Atmospheric balloons



NCKU balloons (NCKU Scientific Experiments)



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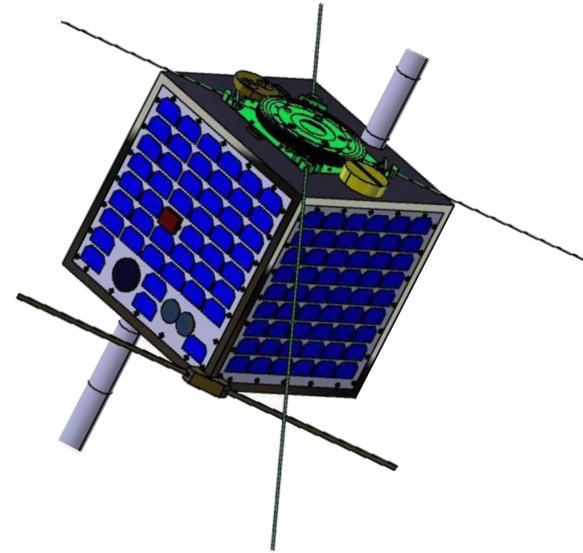
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Potential collaboration areas

Micro/Nano satellites



CubeSats



MicroSatellites

Many good ideas

Propose missions to UNISEC chapters to make an
international satellite

Share experience, costs and scientific data



Potential collaboration areas



Sounding Rockets

Students from different UNISEC chapters could work together on a common Sounding Rocket.

Students from different UNISEC chapters could design and build scientific and technological experiments to put on the NCKU Sounding Rocket and/or on the common Sounding Rocket.



NCKU Hybrid Rocket



Potential collaboration areas



Atmospheric balloons

Students from different UNISEC chapters could design and build scientific and technological experiments to put on a same atmospheric balloon.

Share experience, costs and scientific data.



NCKU Balloon



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Establishment

- Already have UNISEC local PoC: Prof. Jyh-Ching Juang, NCKU.
- Registration of UNISEC-TAIWAN under NCKU clubs legal status.
- UNISEC-TAIWAN local workshop (Q1 2015) to seek players, supporters, financial resources.
- Link UNISEC-TAIWAN with current local space education activities.



Management

- List of potential member universities and members.
- Consortium leaded by NCKU.
- Set up of a mailing list and Facebook.
- Website to publicize activities.
- Organize annual workshop.



Activities

- Join existing UNISEC programs (MIC, Nano-Satellite Symposium, UNISEC-Global-Meeting) and propose new one(s).





CONCLUSION



- Collaboration in Small Satellites / Sounding Rockets / Atmospheric Balloons.
- Share the experience, costs, scientific results.
- Working together with other UNISEC organizations will allow more ambitious Space projects.
- Forum on the UNISEC-Global Website for discussing between Local-UNISEC chapters?



2nd UNISEC Global Meeting

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Thank you for your attention!

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Thank you UNISEC!

Thank you NCKU!