

## **Peruvian education model in aerospace systems at low cost based on CLTP experience**

*Peru/ Lima*

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Peru has been experienced a growth in aerospace systems areas, as it shows in the recent acquisition of a satellite Asrosat to improve the communication system and the environmental studies, additionally the recent launch of nanosatellite - I Chasqui satellite developed by the Universidad Nacional de Ingeniería (UNI) in March 2014. Also, currently UNI is developing a micro-satellite in cooperation with the Russian government.

Since the first CLTP (2011), activities have been implemented under the CANSAT program adapted to the Peruvian reality. A NGO (Jan 2014) was established to conduct training workshops in aerospace systems and was set PeruSat (Sep 2013) with the participation of the Russian Embassy in Peru. Moreover, it has been possible to link several branches of our work from the first “UNISEC Global Meeting”.

Some future development plans are:

- Developing software friendly to all ages, focusing on the needs of young Peruvians.
- CanSat methodology expansion to different parts of Peru.
- First participation of Peru in 2014 ARLISS contest .There is the opportunity to test the rover's CANSAT developed by Peruvian students.