

**APSCO Cubesat Competition (ACC)**

We are forming a team to attend the APSCO (Asia-Pacific Space Cooperation Organization) Cubesat Competition. The competition will aim to design a cubesat mission for a 3U cubesat and build an engineering model. An interdisciplinary group including MS and PhD students, will be formed.

**Who can apply?**

All current 3rd grade students.

**What is the content of the competition?**

A mission will be designed for a 3U cubesat, and the engineering model will be built.

*Note: Engineering model is form, fit, and functionally the same as the final flight model; however, it will use a mixture of flight-grade components (usually spare or out-of-life in stores) and commercial components.*

**How long will it last?**

Until September 2025.

**What is your gain?**

Simply experience. There is no foreseen scholarship for students. However, you will have a chance to build an engineering model for a spacecraft (costs will be funded by APSCO). Moreover, selected students will have a chance to attend online and in-person training and a summer camp.

**Will the spacecraft be launched?**

At the moment, the final aim is to build an engineering model. However, if we can find the necessary funding, yes, the project may evolve into building a flight model and launching the spacecraft.

**What is a cubesat?**

Well, it is a cube satellite :) See the below webpage for a very recent NASA mission using 3U cubesats:

<https://en.wikipedia.org/wiki/TROPICS_%28spacecraft_constellation%29>

For preliminary applications, please fill out the following form by 21st May (Sunday):

<https://docs.google.com/spreadsheets/d/1w5MS0w9_zvH3JeLc4ZvXo3-2KeO9bPlmi1lymmtrrxI/edit?usp=sharing>

An introduction meeting will be held in the aerospace engineering department within the week of 22nd - 26th May on a date/time to be later announced. An invitation will be sent to the students who pass the preliminary screening.