



Inter-American University of Puerto Rico
Bayamon Campus
HASP 2016
May Monthly Status Report

During the month of March the Evaluation of Atmospheric Particle Collection Performance of Three Sampling Substrates at Different Layers of the Atmosphere (EAPCPTSSDLA) team finally has more time to work with the payload full time since the semester is over and the finals are over too. We order more pieces for the payloads and are on the way, some changes has been made and the respective team are working on it.

Team Activities

1. The Structure Team (ST) is believed to make all the possible changes and for now we don't expect changes in the near future. The ST is currently waiting for the angular and screws to bolt all of the payload pieces together.
2. The Programing Team (PT) made the final program and are waiting for the altimeter to arrive from shipment so that we can test that the program is running smoothly.
3. The Power Team (PWT) hasn't made much progress since there was a problem with our shipment that it will arrive late than usual. Also by checking with some specification of the component and by checking with our advisors we noticed that the component will not be right for the job and made some minor changes to put a new component that we believe is right for these job.

Milestone

Our biggest milestone this month was being able to cut some of the pieces of the payload and make progress of it. That all we need is some angular and the correct screw we ordered to bolt together the pieces of the payload.

Objective for next month

For our next month we expect to get all of the materials and circuit components so that we can start working with the circuit and the testing of the program that the PT made.

Current Team Members

This is the team structure and for now we believe that there wouldn't be any changes in the rest of the project. Every changes will be notify at every report.

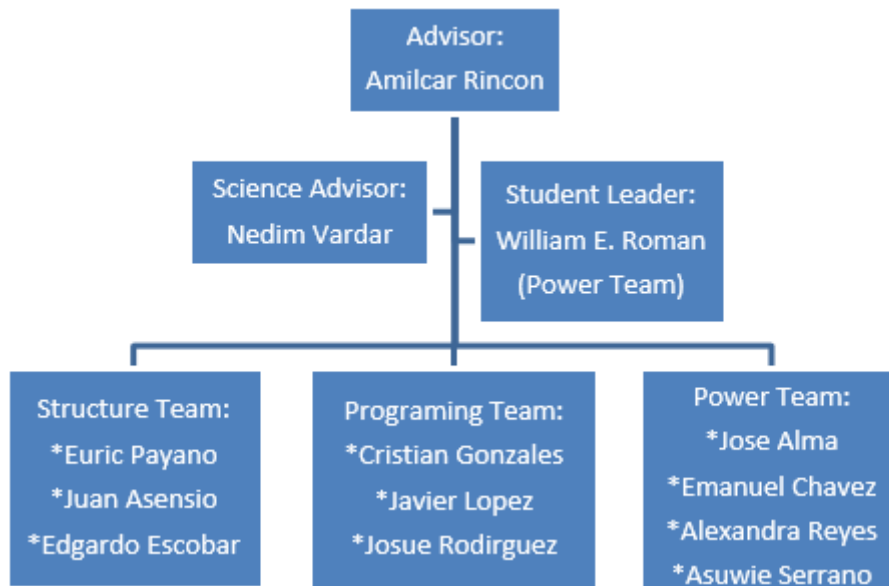


Figure 1. The EAPCPTSSDLA team structure