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

During the month of February the Evaluation of Atmospheric Particle Collection Performance of Three Sampling Substrates at Different Layers of the Atmosphere (EAPCPTSSDLA) team addressed the comments on the Payload Summary Sheet repot, as requested. In this month we successfully named our three groups in: (1) Structure Team (ST), (2) Programing Team (PT), and (3) Power Team (PWT). Now that the group have been named, they all know their roles and started doing research and looking for the right components for the HASP payload.

Team Activities

1. The Structure Team (ST) is now currently designing a new prototype and making new arrangement to the payload. Also they are looking for the right servo motors and others components to put in the payload.
2. The Programing Team (PT) is working on the programing of an Arduino Mega which we will be using on the payload. They are working on the basics of the program and then make the correct change or alteration when the components arrive. The PT is also researching the right commands to put in the Arduino, so that the servo motors and the other components work with no problems.
3. The Power Team (PWT) will be making changes on the circuit that have been made to put on the components that will be ordered. Then the PWT analyses the circuit with the correct supplied voltage.

Milestone

Our biggest milestone this month was successfully naming the groups and giving them their roles. Also the all the components that will be in the HASP payload have been selected and will be ready to order.

Objective for next month

For our next month we expect to successfully order all of the the materials to the HASP, have a solid payload design and expect to commence the assembly of the payload.

Current Team Members

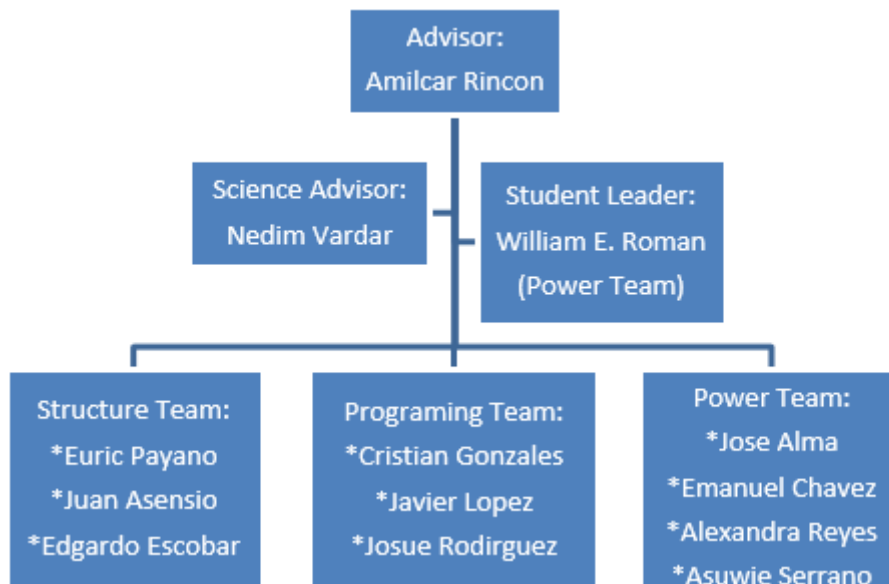This month's report shows the team changes on the EAPCPTSSDLA project. This is the structure of the project advisors, student leader and team members:

Figure 1. The EAPCPTSSDLA team structure