



**Inter-American University of Puerto Rico
HASP 2014
November Monthly Status Report**

During the month of November, the Thermal Energy Control & Particle Air Filter System (TECPAFS) team has been preparing for the final HASP report.

Team Activities

The team is concentrating on the results from the test to be explained and determined at the final HASP report, as well as working with the environmental science professor for the filters and sponge chemical test results. For the pass month, the team has been working on this because for some reason, looking for the answer, the filters inside the payload didn't acquire any samples of the air passing through the pump. The mechanical and electrical details will be explained on the final report. Currently the data obtained during flight is somewhat different from the theory behind the phase change materials which we used for simulations, this unexpected change is being looked at right now because the enthalpy of change for the materials gives the simulation bigger differences in temperatures than what really happened inside the TECPAFS payload this summer.

Milestone

The TECPAFS team working on the Final HASP report and analyzing the tests results.

Current Team Members

The team is as follows:

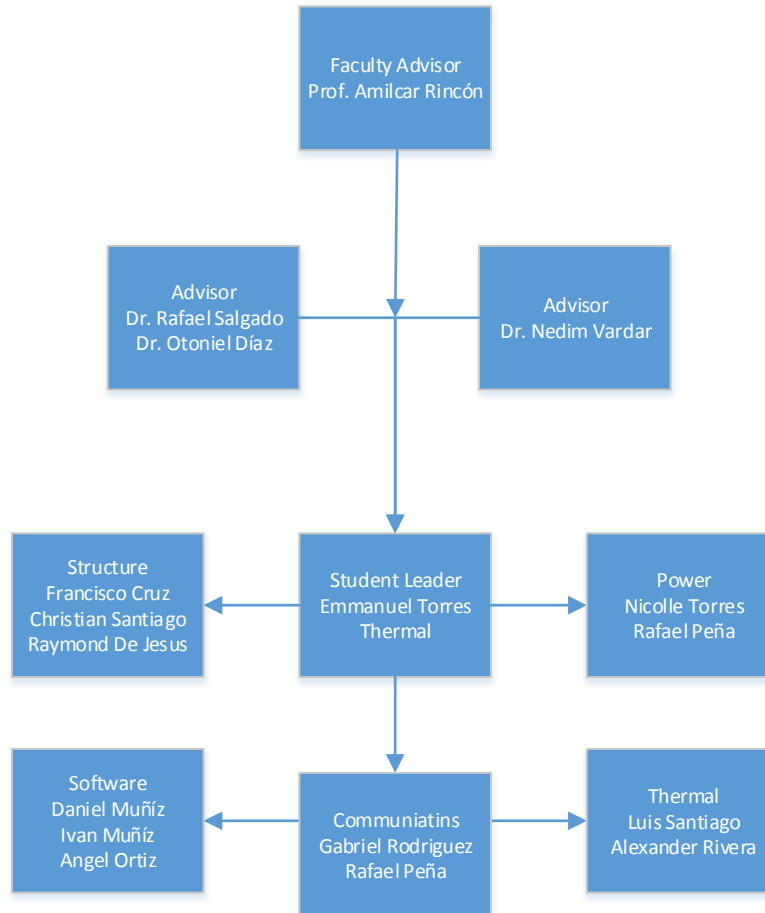


Figure 1 - TECPAFS team