

Monthly Status Report: January 2014
University of Colorado at Boulder: HELIOS III

After returning from winter break, the HELIOS III team met to decide who would be the new project managers and systems engineers for the HASP 2014 payload. The two project managers are Christopher Rouw and Paige Arthur. The two systems engineers are Cooper Benson and Kristen Hanslik. The management has set up weekly meeting with Chris Koehler, project advisor, every Monday at 3pm. They have been working on acquiring additional funding, scheduling, team forming, and preparing for transition from proposal phase to conceptual phase of the project.

The current team was chosen as of Friday, January 31st. The team members applied through a Space Grant open house and were then selected to participate in individual interviews on Thursday, January 30th. System leads were then notified and the final team was selected on Friday. The team is as follows. (* identify system leads)

Electrical Power System:

Alec Fiala *
Xiang Wang
Ryan Tabler

Structures and Thermal:

Justin Alvey *
Christopher Bradford
Christopher Rouw

Attitude Determination and Control:

Ryan Cutter *
Griffin Esposito
Mattia Astarita
Paige Arthur

Command and Data Handling:

Matthew Haney *
Andrew Dudney
Cooper Benson
Kristen Hanslik

Optics and Science:

Dylan Richards *

Tyler Luggner

The following shows a list of what the team has been working on for the month of January as well as what is planned for the coming weeks of February.

1. Team Formation was completed through an application and interview process
 - a. Management was selected based on Chris and Caleb's observations of the proposal processes
2. Attempt to acquire additional funding
 - a. The team is attempting to apply for grants through the University of Colorado at Boulder's Engineering Honors Program, Undergraduate Research Opportunity Program (UROP), and Engineering Excellence Fund (EEF)
3. Transitioning from proposal stage to conceptual stage
 - a. The team is currently in the processes of reviewing the comments from HASP
 - b. The team has begun work on a Conceptual Design Review for Space Grant and partners of the project that will be held the second week of February
 - c. Each subsystem has continued to look into alternatives to last years designs and are continuing to address and solve the problems of HELIOS II
 - d. The team has completed a preliminary schedule including all presentations and deliverables up to integration and are continuing to refine specific subsystem schedules
 - e.