FSU Solar Car Team

Term: Fall 2012

Meeting: 3

Date: 09/17/2012

Time: 9:30am

Location: COE, Building A, 1st floor lobby

Attendance: Matthew Bosworth, ECE Project Leader

Christopher Dresner, ECE Business Administrator

Ahmad Farhat, ECE Treasurer

Thierry Kayiranga, Secretary

Clay S. Norrbin, ME Leader

Daniel R. Green, ME Finance Administrator

Joseph Petite Homme, ME Treasurer

Absentee(s):

Agenda: Put together a draft of the Needs and Analysis Report

Discuss any new development or ideas

Discussion:

* Tasks completed
  + Flyer was completed by Christopher Dresner and will be sent to Dr. Foo
  + Individual researches for the Report were conducted
* New Developments

ME Expectations

* As suggested by Dr. Hollis, MEs should have the chassis and suspension working by the end of the year.
* Make shell with suspension to avoid parts non fitting or not having enough space for the rest of the car, suggested by Dr. Hollis as well.
* Expected to complete bulk head and suspensions if money permits

Plausible goal: top and bottom of bulk head.

Solar panels

* Flexible: less efficient, used for competitions by most but pricey
* Non-Flexible: more efficient, less expensive but don’t offer flexibility.
* Proposed solution: buy smaller non-flexible panels

Supercapacitors

* The idea for the car is to have it run on batteries. When it runs out, the supercapacitors kicks in and while the car is run on it, the batteries are charging from the solar panels

Further investigation into the supercapacitors pending.

* Tasks before next meeting

Christopher Dresner: Contact Vedrin and send flyer to Dr. Foo

FOR EVERY MEMBER: Complete individual research in order to finalize the Report.

Next meeting

Date: 09/18/2012

Time: 5:30pm

Location: McLaren Classroom, CAPS, Building A

Agenda: Finalize Report due Thursday