FSU Solar Car Team

Term: Fall 2012

Meeting: 5

Date: 09/25/2012

Time: 5:30pm

Location: McLaren Classroom, CAPS, Building A

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: Discuss next deliverable

Discussion:

* Tasks completed
* Needs and Analysis Report submitted
* Needs and Analysis Presentation
* Torque on wheels at 20mph, approximately 150W
* New Developments
	+ ECE members will have additional weekly meeting on Wednesday at 11am in the 1st floor lobby of the COE Building A
	+ ME members should try to find their own internal meetings
	+ Next deliverable is on October 18th.
* Goal: System level design
	+ Looking into magnetic rings
	+ Looking into pancake motors
* Tasks
* To be completed in 2 weeks

 ME

Three cars prototypes of the proposed designs in Pro Engineering

Better idea on suspensions

Decide on whether car should be 3 or 4 wheelers

 ECE

 Must figure out proper motor and batteries

 Energy System simple simulations

* Due next week

ME: Update on mesh designs

 MATT: Talk to Yen for solar panels

 AHMAD: figure out A/h from solar panels

 CHRIS: Look more into batteries, approximately 500 W

 TK: Starting thinking about simulations

* Announcements
* None

Next meeting

 Date: 10/02/2012

 Time: 5:30pm

 Location: McLaren Classroom, CAPS, Building A

Agenda: Progress on task