

**Minutes of the 06/18/2013 IEEE Tampa Bay RAS Meeting**

(Prepared by Sean Denny, Recording Secretary)

Location: MOSI at 4801 E Fowler Avenue, Tampa, FL, 33617

Room: Idea Zone Maker Space

Date: June 18, 2013

Time: 6:20pm to 8:20pm

The Tampa Bay Chapter of IEEE’s Robotics and Automation Society held the fourth meeting at its new home, The Museum of Science and Industry in Tampa. The IEEE RAS Chapter plans to execute on the Vision of the Chapter’s Founder, George Schott to “Learn, Do, Teach”.

There were a total of 8 people made of 3 IEEE members, 5 IEEE Students, and

0 guests present.

OFFICER ROLL CALL:

o Chairman – Ken Fiallos

o Vice-Chairman/Secretary – Sean Denny

* Treasurer – Tom Hayden-excused

Ken Fiallos gave a history of the IEEE FWCS RAS Chapter with our current projects with BEST and Robofest to the new 2013-2014 USF Student IEEE chapter who attended the meeting.

Robofest is set for the spring second semester in Pinellas County.

We are bringing a BEST HUB to Hillsborough County. This is to give large exposure for kids to build robots. HCS is providing the money. FLATE, MOSI, and HCC are also participating with the IEEE through the Florida Robotics Alliance (FRA). The BEST competition is set for October 19th this year made up of a tradeshow and a Robotic Competition.

Workshops may be at HCC Brandon.

BEST CALENDAR 2013:

The Proposed BEST Schedule for the 2013 following dates:

1. 9/7/13🡪Kickoff Day Workshop (suggested venue MOSI)
2. Learn about this year’s game and theme.
3. Receive Materials (Permanent Kits and Consumable Kits)
4. Receive a CD with game related files
5. Driver tryouts (students get to manipulate a real arm)
6. Workshops for the Business plan presentation, business process, Trade Show Marketing, The Engineering Process, and Robotic Arm Hardware basics.

b. Workshop 9/14

c. Workshop 9/21

d. Workshop 9/28

e. Mall Day Workshop 10/5 (suggested venue MOSI)

A chance to practice and check out the competition

f. Workshop 10/12

g. BEST Competition Day 1-10/18 (Friday Night)

(Suggested venues Armwood or MOSI)

It Consists of Oral Presentations and tradeshow booths. Students need to turn in their Engineering Notebooks

h. BEST Competition Day 2-10/19 (Saturday Night)

Saturday Robot Competition, Awards

NEW BUSINESS:

USF Engineering students were invited to be mentors for the BEST workshops and competitions.

USF students want an IEEE Robotics Club to compete at Southeast Con. Ken Fiallos said to look for partners. The students need help with the fundraising. There is a $40,000 Grant through the IEEE by August 1st. We discussed other funding possibilities. Try to incorporate laser cutters and CNC machines. Ken Fiallos recommended for them to build a Business Plan for Operations and Fundraising.

XeeBee radios are integrated into the next Arduino Breadboarding workshop on July 29th to August 2nd at HCC. We need a dry run workshop to train the trainer at USF or HCC the first two weeks in July. Kenneth Almirol, USF Student President will arrange a location at USF. Potential date is July 3rd during the day.

Hillsborough County Schools Professional Study Day is August 14th at HCC Brandon Campus. The engineering process will be discussed. The robotic arms will be on display to demonstrate.

ELECTRATHON Projects UPDATE:

Arduino based Electrathon Performance Optimization and the Telemetry Project is an ongoing project for the Electrathon Cars were discussed as possible IEEE student involvement. Wharton High School may help with the Battery Modeling project. In addition building another scoring system using the Arduino with a bidirectional signals is another potential project.

RAS Chapter of the Year Award (COTY): Email from Dr. Alfredo Weitzenfeld, PhD of USF advised us to apply for this award:

Deadline for Nominations for RAS Chapter of the Year (COTY) Award is August 1, 2013. The COTY winner will receive a $1000 prize to be used for chapter projects. Note that the COTY award is evaluated separately from the RAS Chapter Development Grant Proposals, so you may submit a COTY nomination and a Local Chapter Grant Proposal.

OLD BUSINESS:

The Motion to approve the May Minutes as published was made by Sean Murphy;

Seconded by Allen Gonzalez. There was no discussion and the motion passed unanimously.

Adjourned at 8:20pm by Allen Gonzalez; Seconded by Sean Murphy.

Respectfully submitted by

Sean Denny,

Tampa Bay IEEE RAS Chapter Secretary

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