 **Minutes of the 01/15/2013 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: January 15, 2013

Time: 6:25pm to 8:20pm

The Tampa Bay Chapter of IEEE’s Robotics and Automation Society held the January meeting at 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 16 people made of 6 IEEE members, 5 Students, and 5 guests present.

OFFICER ROLL CALL:

o Chairman – Ken Fiallos

o Vice-Chairman/Secretary – Sean Denny

o Treasurer - Jim Melton

ANNOUNCEMENTS:

1/17/13-Cork Elementary Parent Night in Plant City

1/19/13-Northeast High Junior Solar Sprint Electrathon Race

2/12-2/13 Hillsborough County Public Schools STEM Fair

2/22-TBEWB Engineering Banquet at A La Carte Banquet Hall

2/22-2/23 Engineering Expo at Eastlake Public Library under Jim Kendall, jkendal2@tampabay.rr.com, Lead Robotic Mentor.

3/16/13-Robofest in Oldsmar—Emma Alaba requests mentors and judges.

PROPOSALS:

1. Nick Tuminello proposed we start a Video Production to be pre-requisits to help the ABC Workshops. There will be instructional videos on an Introduction to the IEEE, circuit diagrams, and the Breadboard Arduino microcontrollers. Jim Melton, Ken Fiallos, and Sean Denny would help with this project. Jim Melton proposed we just start with three after the incorporation of the FL Robotics Alliance.
2. FL Robotics Alliance was incorporated on January 15, 2013 and Memos of Understanding are being drawn up to create Hubs for the BEST Robotics Competitions. The goals include: FRA-HCPS, FRA-HCC, and get the Mentoring for the project with a web presence with Facebook.
3. Teaser Workshop in March at HCC on Vex Controllers.
4. BEST Robotics: A) Business Plan; B) Tradeshow Booth (Marketing); C) Competition in October 2013.

PRESENTATION:

 Tom Hayden led a presentation on making plexi-glass parts with the InkScape Application and a Laser Cutter. The raw materials can fabricate wheels because BEST doesn’t supply wheels, etc… He commented to look out for stroke width when adjusting circles. An online Gear Generator can import into the diagram. The finished drawn part can be uploaded to a flash drive and be fed into the Laser Cutter. The group was fascinated by the construction of a small part when it emerged from the Laser Cutter. He noted it is inexpensive and we should be teaching the children how to do this in making their robots.

OLD BUSINESS:

The Motion to approve the November Minutes as published was made by Craig Ross. Seconded by Drew Davis. There was no discussion and the motion passed unanimously.

NEW BUSINESS:

Jim Melton said we collected $26 bringing the current Treasury to $196.00. Ken Fiallos mentioned the USF Federal Credit Union is a safe place to store the money and there are no monthly charges. We need a USF teacher or student to open the account. Jim Melton motioned to move the treasury to the account; Seconded by Steve Fage.

Adjourned at 8:20pm by Ken Fiallos; Seconded by Sean Denny

Respectfully submitted by

Sean Denny,

Tampa Bay IEEE RAS Chapter Secretary

venner20@ieee.org

727-678-0183