 **Minutes of the 12/17/2013 IEEE Tampa Bay RAS Meeting**

 (Prepared by Sean Denny, Acting Chairman)

Location: DeVry University at 5540 W. Executive Drive,

Tampa, FL, 33609

Room: 210

Date: December 17, 2013

Time: 6:20pm to 8:05pm

The Tampa Bay Chapter of IEEE’s Robotics and Automation Society held the December 2013 meeting at DeVry University 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 6 people made of 5 IEEE members, 0 Students, and 1 teacher present.

Sean Denny, Acting RAS Chairman called the meeting to order. Emma Alaba, Ken Fiallos, Jim Cavanaugh, Craig Ross, and Bill Waggener engaged in the following discussion to determine the direction of the Robotics Chapter in the coming year.

OLD BUSINESS:

The Motion to approve the September 2013 Minutes as published was made by Bill Waggener; Seconded by Craig Ross. There was no discussion and the motion passed unanimously.

NEW BUSINESS:

1. Nominations for new RAS Slate of Officers.
	* Chair –Oversee the operation of all aspects of the chapter. Preside at all chapter meetings and events. Create meeting notices using IEEE Vtools.

Nominees: Bill Waggener motioned for **Sean Denny** to be Acting Chair; Seconded by Ken Fiallos. No other Nominees.

* + Vice Chair- Assume the responsibilities of the Chairman whenever the Chairman is not present or unable to perform the duties of the Chairman. Provide help and assistance to the Chairman.

Nominees: Tabled till next month; Deferred till we find new members with IEEE Life Members and IEEE PACE.

* + Treasurer-Collect all approved dues and fees from attendees at each event or activity. Pay for expenses that have been approved or preapproved by the Chapter’s Chairman, Vice Chairman, if chairman is unable or the Executive Committee.

Nominees: Ken Fiallos motioned for **Jim Cavanaugh** to be Acting Treasurer; Seconded by Ken Fiallos. No other Nominees.

* + Recording Secretary- Records and distributes the minutes of all meetings and other activities to the chapter members. Keeps chapter email lists up to date. Be custodian of all of the Chapters Official documents (online Storage). Scan and save the monthly meeting attendance.
	+ Complete and submit an IEEE L31 form for each meeting, event or activity using Vtools.

Nominees: Tabled till next month; Deferred till we find new members with IEEE Life Members and IEEE PACE.

* + Web Person: Keep FB or other Group App up to date

Nominees: Ask the ExCom Webmaster Claude Pitts for help.

**Videographer Photographer : Sean Denny**

Use photographic and video recording technologies to record the ongoing activities of the IEEE FWCS RAS Chapter.

* + 1. Treasury: Ken Fiallos noted there is $1900 left over from the Louise and Thelma Wallace Grant.
		2. Current Mission Initiatives:
1. Electrathon Projects : Ken Fiallos noted the next scheduled Electrathon Races are HCC on January 11th, 2014; Wharton HS on January 25th and the USF Expo later in February.
2. Open Source Robotics Kits-Ken working on a multiple semester project. The students will use a Microcontroller joystick to transmit to XB radio and make their own gears with a 3D Printer.
3. BEST: Competition took place at Lennard HS over November 1 and 2. Strawberry Crest was the overall winner. McClane was the Competition Winner.
4. Robofest: Emma Alaba announced the next Competition is March 15th. The Fall Thanksgiving Parade on November 9th was a success. Ken and Emma are helping with the construction of the robots, photo sensors, infrared, etc….
5. TISP Kits: Craig Ross and Bill Waggener are working on a project Integrated Development System and the Programming language project to expand the Arduino Microcontroller with other lesson plans on [www.tryengineering.org](http://www.tryengineering.org). They plan to demonstrate their proposed lesson at the January Meeting.
6. Osceola High School:
* **Dr. Gary Shepherd visited the ExCom Meeting in November. He had shown one of the FIRST Robots his classes competed with. He is looking for Corporate Sponsors including the IEEE. Dr. Shepherd extended an invitation for IEEE Members to help at Osceola High School with their FIRST Robotics Team.**

TOPIC FOR DISCUSSION:

*Do we keep our focus on being a K12 STEM Resource in view of the EXCOM’s Posture toward these efforts or do we revert to a traditional member technical development focus?*

Bill Waggener drew the following relationship on the blackboard:

Robotics🡪Data Acquisition-> Hardware/software

 Communication🡪 USB, Wireless, Telemetry, and Deep Space

Control🡪Hardware/Software

Action Items:

We need to reach out to Ken Almirol (Student Members), Jim Anderson (PACE), Glen Cock (Life Members), and Karl Anderson (Instrumentation and Measurement) for joint meetings. Hopefully we can recruit to fill vacant RAS Officer positions of Secretary and Vice-Chair.

Craig Ross motioned to adjourn by 8:05pm; Seconded by Bill Waggener.

Respectfully submitted by

Sean Denny,

Tampa Bay IEEE RAS Chapter Acting Chair

venner20@ieee.org

727-678-0183