

November 2015

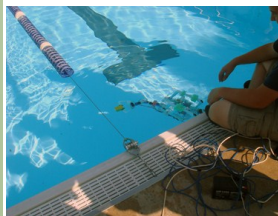
Get Involved!

- Visit CF STEM at Booth #2772 at the **I/ITSEC STEM Pavilion** November 30th –December 4th (see page 2 for more information on the STEM Pavilion)
- Attend the **Robotics Showcase** on November 5th at the Florida Solar Energy Center
- Visit the **Science Live! Programs** at the Orlando Science Center in November
- Create a short-film by December 5th for the **Beneath the Waves Film Festival** challenges K-12 students to create marine science documentaries
- You're invited to be a **Teacher for a Day** on November 18th
- Like us on Facebook @ **www.facebook.com/CFSTEM**

Community Spotlight

SeaPerch is an innovative underwater robotics program that equips teachers and students with the resources they need to build an underwater Remotely Operated Vehicle (ROV) in an in-school or out-of-school setting.

The US Army PEO STRI High School Engineering Internship incorporated SeaPerch as a learning platform with the intent to be a practical approach for mentoring high school students in developing and incorporating processes needed for successful project development.



After completing the building of the SeaPerch, students use their experience and ingenuity to create a beneficial modification through the standard design process. The project includes the development of a CAD component for an enhancement to the base design of the SeaPerch. The students complete the project by implementing and testing their new designs. This project based learning facilitates the "Concept to Implementation" experience for the students.

CF STEM General Meeting Recap



Paulo Camasmie talks about his Catrike bike to the audience



An engaging audience listens to 7 presenters



Special Thanks to all the Presenters:

Dr. Cap Jadonath, Orange County Public Schools; Sherry Reeves, Manufacturers Association of Central Florida; Alan Lynch, Orange County Public Schools; Paul Wahnish, Seminole County Public Schools; Carl Harris, Valencia College; Al Stimac and Aundria Cohen, Metal Essence; Paulo Camasmie, Catrike

STEM Connections

November 2015 *(continued)*

I/ITSEC STEM Pavilion



DiSTI Duffer Recap

The DiSTI Duffer Charity Golf Tournament benefitting the CF STEM was held on Saturday Oct 10 at the Country Club at Deer Run. This year, with the help of two Silver Sponsors Delta Capital Management and Design Interactive, 24 Bronze Sponsors, and 113 players we were able to raise a record setting amount of \$14,000 for the CF STEM.



Next CF STEM Meeting
02.00.2016

STEM in the Community

- [UCF STEM Retention Program](#) receives funding to expand
- Appearing at Saft Manufacturing Plant in Jacksonville, Governor Scott calls for [STEM Teacher Residency Program](#)
- [Riptide Software](#) giving UCF Interns valuable work experience
- UCF - [Bear Brigade](#) to teach Ecological Concepts to Elementary Schools
- [UWF, state colleges](#) partner to recruit STEM teachers

GET INVOLVED with CF STEM!

Submit your **2016 Membership Application** online at:
[www.centralfloridastem.org/
getinvolved/joinCFSTEM](http://www.centralfloridastem.org/getinvolved/joinCFSTEM)

Because you can make
a difference and help us

Build A Brighter Future Today!