

AGENDA

5th Annual MTS-IEEE Educators Workshop on Marine Technology in the Classroom

Saturday, September 21, 2013

8:30 a.m. Registration and continental breakfast

9:00–9:30 a.m. Welcome and introductions: Liesl Hotaling, Dr. Doug Levin and Dr. Fritz Stahr

9:30–11:00 a.m. Morning sessions:

- **Group 1.** *ROV-in-a-Bag - Introduction to Remotely Operated Vehicles*

Dr. Fritz Stahr, Manager, SeaGlider Fabrication Center, University of Washington - School of Oceanography, Seattle, WA

- **Group 2.** *SENSE IT - Student Enabled Network of Sensors for the Environment using Innovative Technology*

Liesl Hotaling, Ecosystems Technology Group, College of Marine Science, University of South Florida, St. Petersburg, FL

- **Group 3.** *Build-a-Buoy - Basic Observation Buoys (BOBs) - Student Built Water Quality Measuring Systems that Contribute to Observation Systems*

Dr. Douglas R. Levin, Washington College, Center for Environment and Society Washington College, Chestertown, MD.

11:00 a.m. - 12:00 noon: D.E.E.P. Learning: Promoting Informal STEM Learning through Ocean Research Videogames presented by : Mr. John Driscoll, San Pasqual High School, Junior

12:00 noon - 1:45: Lunch & Keynote

- **Guest Speaker: Dr. Jules Jaffe, Research Oceanographer, Jaffe Lab for Underwater Imaging - University of California, San Diego: “From the Titanic to the Tiny: Underwater Optical Imaging and How I Hope to Transform How We Do Oceanography”.**

- **Resource Tables (Sea Grant, Pacific Science Center, COSEE, MTS & IEEE)**

1:45–3:15 p.m. Afternoon Sessions:

- **Group 1.** Build-a-Buoy - Dr. Doug Levin
- **Group 2.** ROV-in-a-Bag - Dr. Fritz Stahr
- **Group 3.** SENSE IT - Liesl Hotaling

3:15–4:45 p.m. Afternoon Sessions:

- **Group 1.** SENSE IT - Liesl Hotaling
- **Group 2.** Build-a-Buoy - Dr. Doug Levin
- **Group 3.** ROV-in-a-Bag - Dr. Fritz Stahr

4:45 – 5:00 p.m. Wrap-Up and Evaluation

Financial support for this workshop was provided by the Marine Technology Society and the IEEE Ocean Engineering Society through the OCEANS-2013 San Diego - THANK YOU!