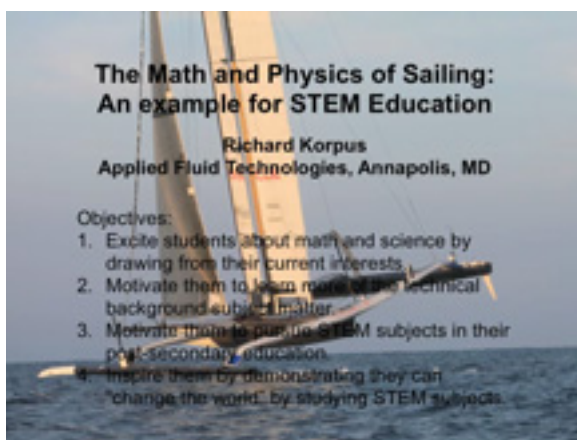


On October 5, 2012, NSHOF hosted the 3rd Annual Learning Math & Science Through Sailing Workshop at the United States Naval Academy's Crown Sailing Center. Attendees to this workshop had the opportunity to engage in dialogue and brainstorming, as well tour the Naval Academy's HydroLab.

Below are links to PowerPoint videos with audio of the presentations that were made:

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### **The Math & Physics of Sailing: An Example for STEM Education**



Richard Korpus, PhD.  
Applied Fluid Technologies

Plus - Physics and the America's Cup Catamarans. Discusses how to use real-world examples to engage

[Go to presentation by Richard Korpus.](#)



## The Chesapeake Bay Interpretive Buoy System and Other Technological Advances



Doug Wilson  
Caribbean Wind, LLC (recently retired from NOAA)

A discussion of the real-time online tools available for educators to use NOAA's high-technology data ga

[Go to presentation by Doug Wilson.](#)



## Introducing REACH, A Middle School US Sailing STEM Initiative



Jessica Servis  
US Sailing

An introduction to a modular curriculum support product for use by middle schools around the country.

[Go to presentation by Jessica Servis.](#)

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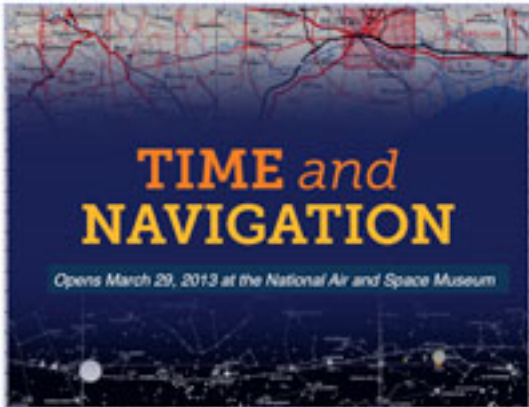
## **SET Sail, The Mechanics of Sailing and STEM OUTREACH / INREACH**



Dr. Angela Moran  
USNA Professor of Mechanical Engineering and Director of USNA STEM

A discussion about the Naval Academy's extensive involvement in STEM education programs and resources.

[Go to presentation by Dr. Angela Moran.](#)



## Time and Tide: The Untold Story of Getting From Here to There



Andrew Johnston  
Geographer and Research Specialist, Smithsonian National Air and Space Museum

One of the curators described the Smithsonian's new exhibition titled "Time and Tide: The Untold Story of Getting From Here to There" on March 26, 2013.

[Go to presentation by Andrew Johnston.](#)

[RETURN TO WORKSHOPS HOME.](#)